

HIRE CATALOGUE

2027

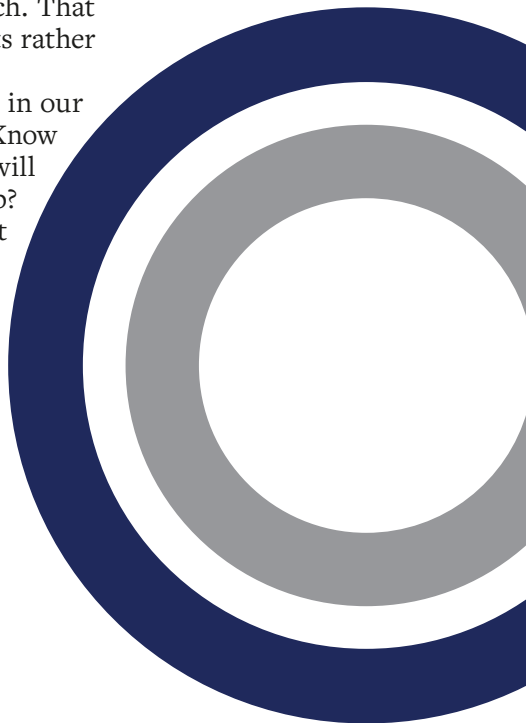
90+
MACHINES
FOR HIRE

7 CATEGORIES

Hi, ready to Hire?

Tell us about the floor, the goal and the timeframe, and we hand you the right machine for the job. From a scarifier one person can lift into a van to a ride-on that strips a full deck. Each machine is set up and ready to run with the tooling and dust extraction to match. That is the point of hiring from specialists rather than a general plant yard.

Around ninety machines sit in our Dublin yard across seven categories. Know the machine already? Ring, and we will book it in. Still figuring out the job? Ring us anyway, and we will work it through with you.



TWO DECADES

of Experience

Concrete Care has supplied and hired out equipment in Ireland for more than twenty years. We carry Von Arx, IMPACTS, Delfin, Shibuya, High Tech Grinding, Superabrasive, National Flooring Equipment, Metabo, Schwamborn, Bosch, Refina, Distar, and dozens of other trade-grade manufacturers. Ring about a job, and you are talking to people who have run these machines on Irish floors. We know what you need, what pairs with it, and what to keep clear of.

how we do our PRICING

Our pricing structure is designed to be straightforward and fair. Our baseline rates are calculated on a standard 1-week hire (100% of the base price).

If you only require a short-term rental, a 1-day hire receives a 50% reduction from the weekly rate. For hires extending beyond a single day, each additional day is calculated at just 25% of the weekly rate.

This means that once a hire reaches 3 days, the price automatically caps at the weekly rate, ensuring you do not overpay for the remainder of that week.

Extensions and Delays

If you need to extend your hire or experience an unexpected delay, any extra days are billed at 25% of the weekly rate per day. To ensure fairness, these daily fees will never compound indefinitely; the moment your accumulated extra days equal the cost of a full week, the rate simply locks in as a standard weekly charge.

DURATION	HOW IT IS CHARGED	PRICE
FIRST DAY	Flat first day rate. 50% of the week's rate.	€100.0
ADDITIONAL DAY	25% of the week's rate.	€50.0
1 WEEK (3-7 DAYS)	Week's rate, flat.	€200.0

let's talk

SAFETY

Every piece of equipment in this catalogue is maintained to meet current Irish and European regulatory standards. If you're cutting, grinding, or scarifying concrete, you're generating respirable crystalline silica dust. The risks are well documented, and the regulations are clear. Our dust extraction systems are specified to help you stay compliant and keep your crew safe. We take this seriously because the consequences of getting it wrong are deadly.

? ISO 7010

ISO 7010 is the international standard for safety signs and symbols. It defines the pictograms used on equipment, signage, and in workplaces to communicate hazards, mandatory actions, and emergency information, clearly and consistently, regardless of language. You'll see these symbols throughout this catalogue and on our machines.



reading the **SAFETY SYMBOLS**

Blue circles are actions you must take, yellow triangles warn of a hazard.

MANDATORY · BLUE



Read the manual



Ear protection



Safety footwear



Protective gloves



Head protection



Face shield



Wear a mask



Respiratory protection



Safety Glasses

WARNING · YELLOW



General warning



Crushing of hands



Electricity

one more thing...

TERMS & CONDITIONS

W*e always keep things straightforward.*
We expect the same in return. Before you hire, take a few minutes to read our Terms and Conditions. They cover everything you need to know about equipment care, return requirements, liability, and what happens if something goes wrong. It's a clear agreement so both sides know exactly where they stand. If anything's unclear, ask us. We'd rather answer a question upfront than deal with a misunderstanding later. Fair terms, no surprises. That's how we work.





SURFACE PREP

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90

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MATERIAL HANDLING

180

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SITE POWER

190

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WHAT'S THE JOB?

Preparing a slab for a coating?
Depends on the profile your coating needs.

SEE OPPOSITE PAGE

➔ LIFTING OR STRIPPING AN EXISTING FLOOR?

Laid or stuck on top = **covering**. FLOOR SCRAPERS, 75

Painted or soaked into the slab = **coating**

➔ REMOVING CARPET, VINYL, LINO, TILES, ETC?

FLOOR SCRAPERS **75**

➔ APPLYING PAINT, EPOXY, RESIN, SEALER, ETC?

SEE OPPOSITE PAGE

➔ POLISHING OR REFINING BARE CONCRETE?

SURFACE FINISHING **112**

➔ CLEANING, SCRUBBING, BUFFING?

SURFACE MAINTENANCE **129**

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CUTTING & DRILLING **152**

➔ MIXING, SCREEDING, OR POWER FLOATING?

WET TRADES **138**

➔ MOVING MATERIAL?

MATERIAL HANDLING **180**

➔ POWERING THE SITE?

Transformers, cables, and generators.

SITE POWER **190**



Every dry prep job needs extraction.

Grinding, cutting and blasting pair with a class M or H vac, not a separate choice.

90

Not sure? Ring Us.
We will tailor a solution for you.

+353 1 88 99 000

PICK THE METHOD

Two reasons to be here: profiling a slab for a new coating, or stripping an old one.

➔ PROFILING A NEW COATING?

Match your coating's concrete surface profile on the scale below.

Only know the coating type? **PROFILE GUIDE p.14**

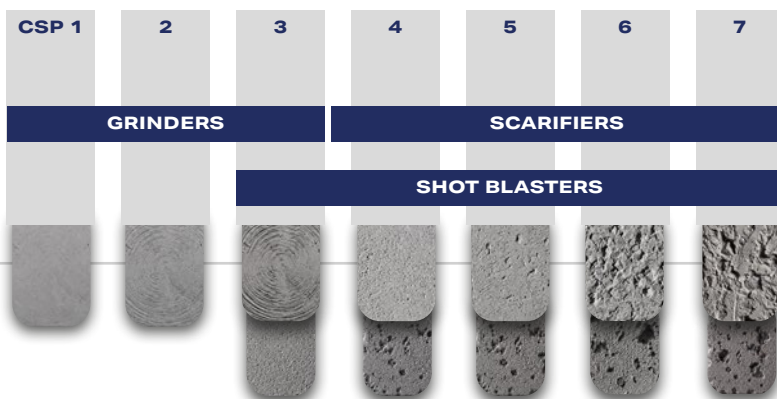
➔ STRIPPING AN OLD COATING?

By thickness and hardness. Thin paint, **GRINDING p.19.**

Thick or bonded build, **SCARIFYING p.45.**

Heavy or large, **SCARIFYING p.45 / SHOT BLASTING p.65.**

CONCRETE SURFACE PROFILE



The range overlaps on purpose.

At CSP 3, grinding and light shot blasting both reach it.

Above CSP 3 a grinder will not reach it.

Use a shot blaster or scarifier.

THE PROFILE GUIDE

Find the coating to be laid, read the CSP it needs, then match that number on the CSP scale, [p.13](#).



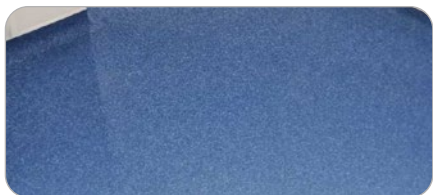
GRINDER
CSP 1

**Polish
CSP 1**



GRINDER
CSP 2

**Floor Paint
CSP 2**



**Resin Floor
CSP 2–4**

GRINDER
CSP 2

BLASTER
CSP 3

SCARIFIER
CSP 4

GRINDER
CSP 3

BLASTER
CSP 4



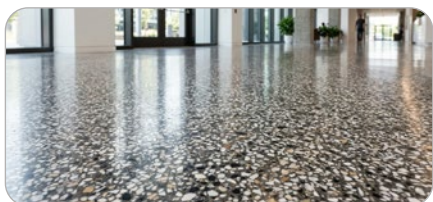
**Flake System
CSP 3–4**

GRINDER
CSP 3

BLASTER
CSP 3

SCARIFIER
CSP 4

BLASTER
CSP 4



**Bonded Terrazzo
CSP 5**

BLASTER
CSP 5

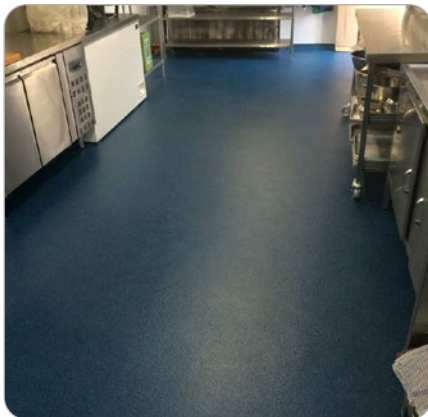
SCARIFIER
CSP 5

COATING TO CSP

Each tile: the finish, the CSP it needs, and the matching ICRI chip.
The rougher the key, the thicker the coating it holds before it bonds.



High Build Resin CSP 3–5



MMA CSP 3–5



Polished concrete has no CSP.

Nothing is laid over it; the diamond grind is the floor itself. See the disc guide on p.24.

A shot-blasted floor: the profile is the finish, blasted to CSP 4–7 and left open for grip, not coated. See the shot blasters on p.65.

01

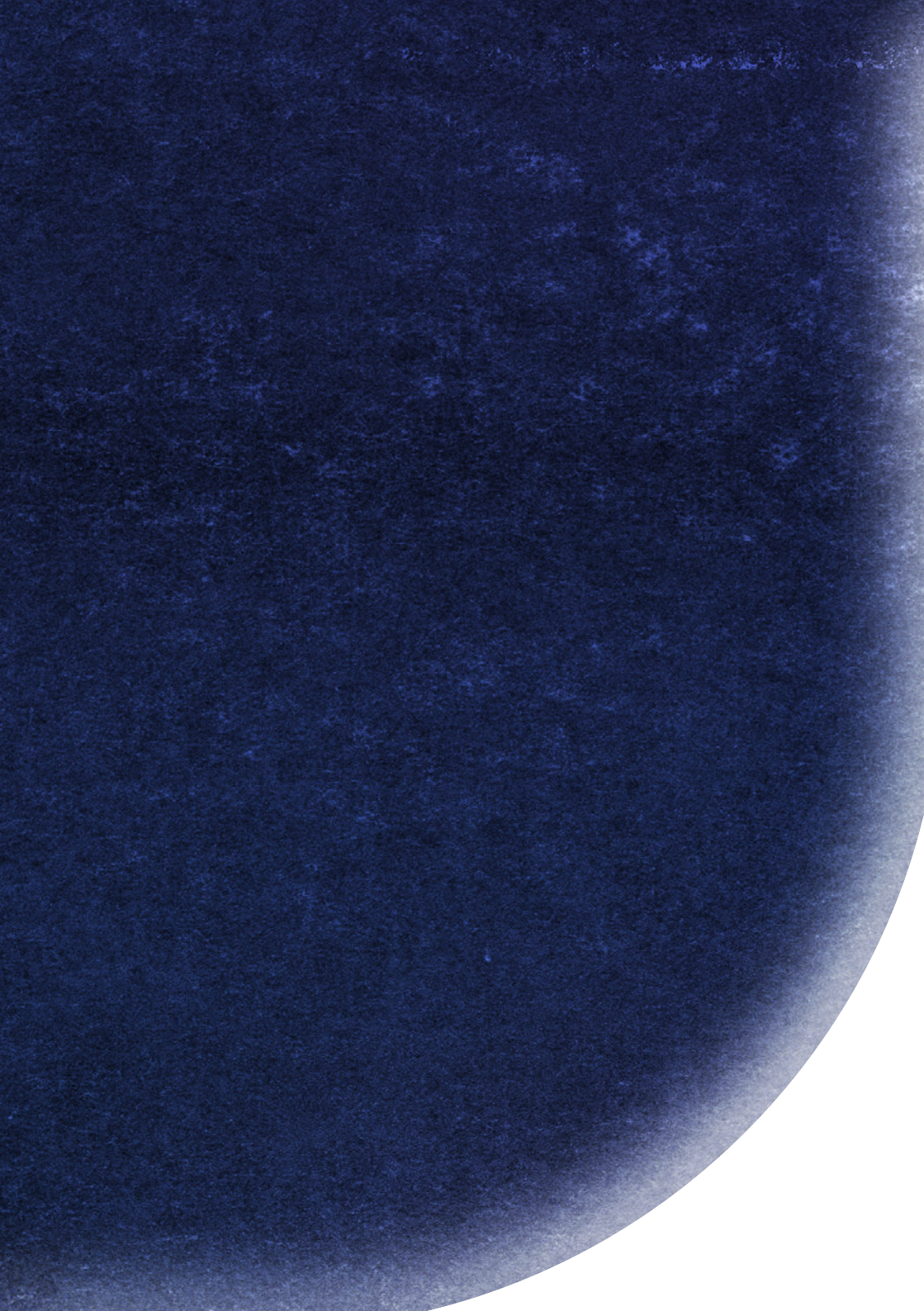
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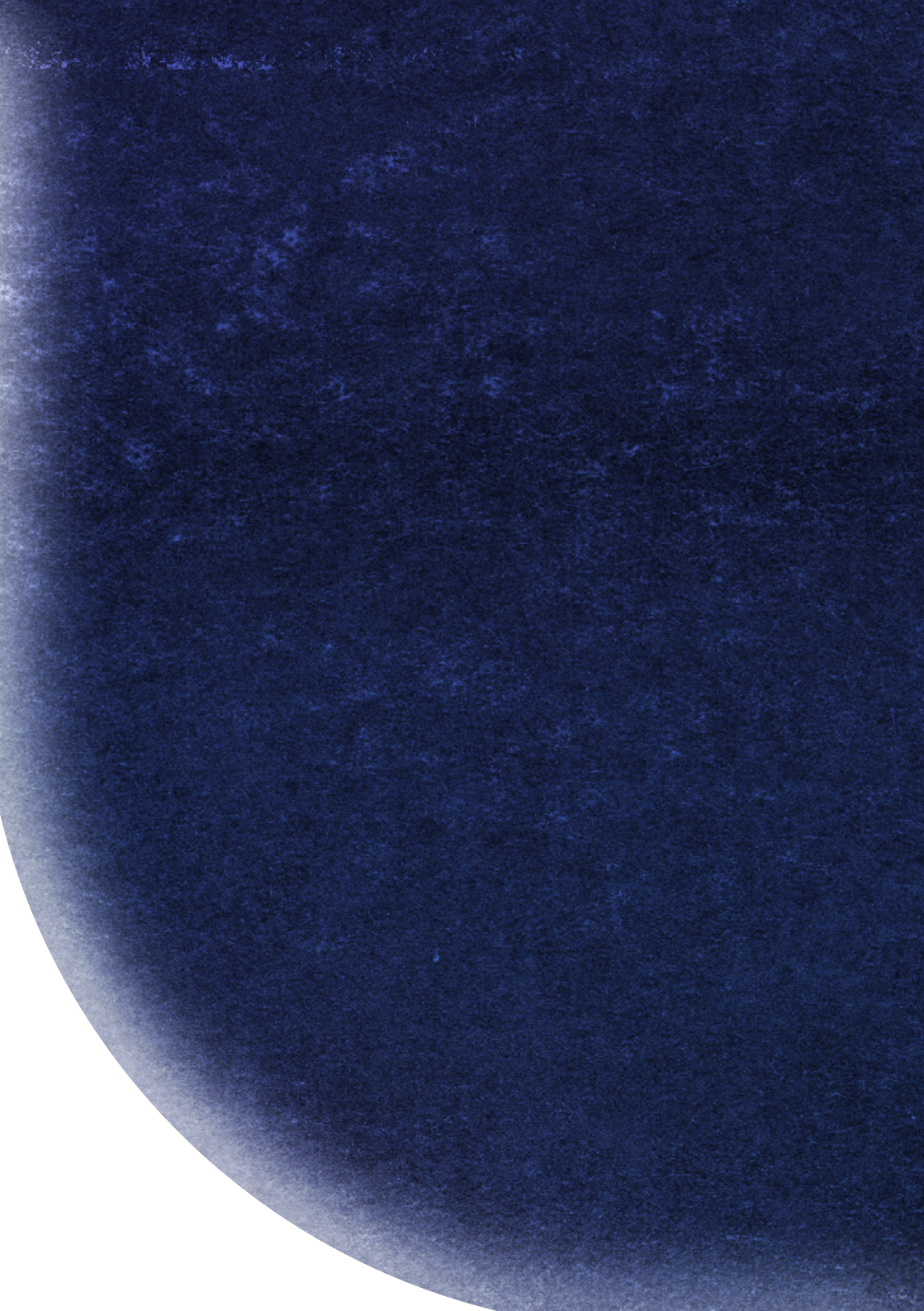
SURFACE PREP

SURFACE PREP

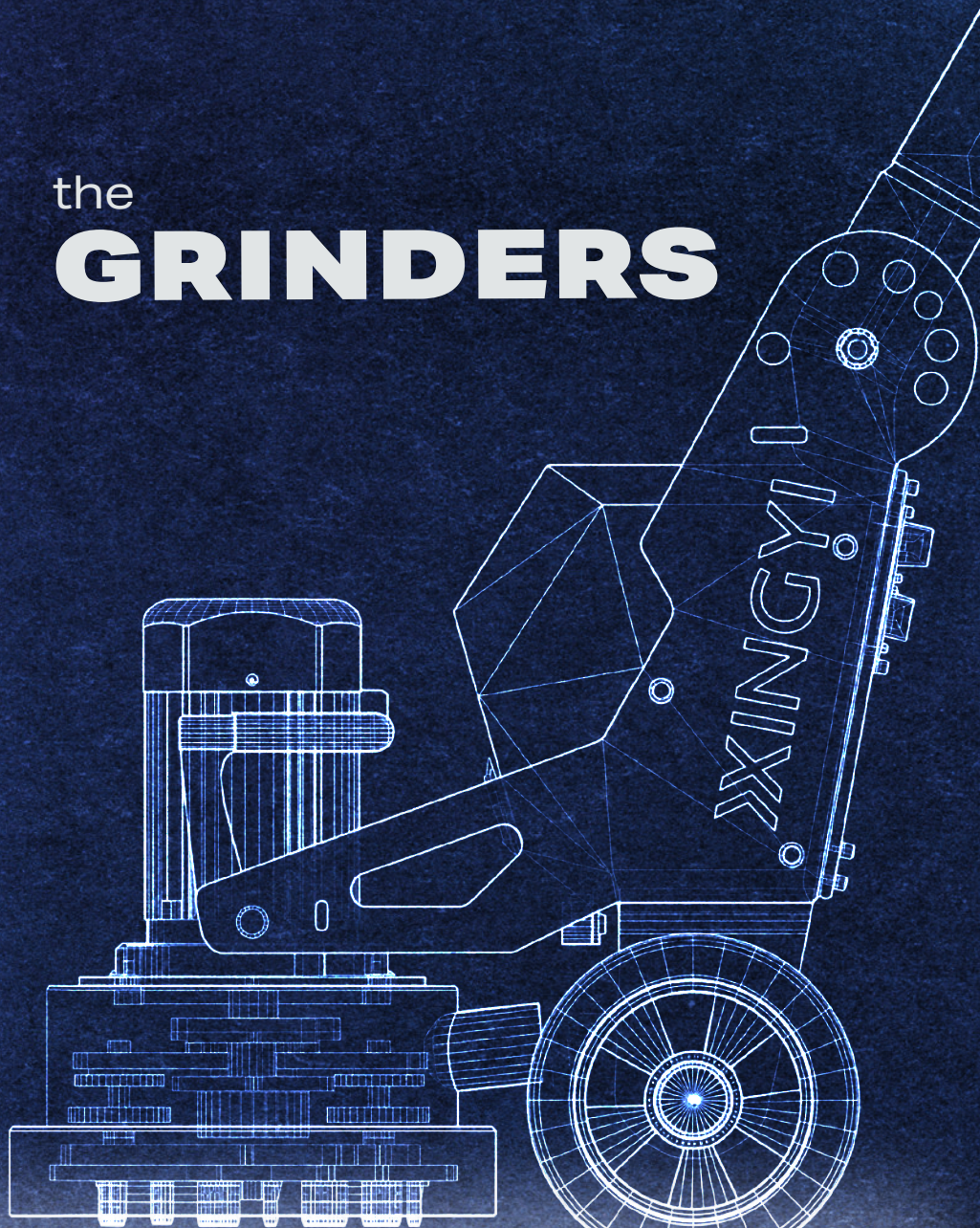
16

Floor grinders	19
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Needle scalars	88





the
GRINDERS



WHAT GRINDER?

Three questions: Job, area, and the power on site.

HOW MUCH FLOOR?

- ➔ **Edges, corners and small rooms**
Stairs, thresholds, tight corners. **SINGLE DISC GRINDERS 30–34**
- ➔ **Medium**
Garages, shop units, medium rooms. **COMPACT PLANETARY 35**
- ➔ **Large**
Warehouse bays, retail slabs, car parks. **FULL-SIZE PLANETARY 36**
- ➔ **Very Large**
For very large jobs. The machine does the pushing. **SELF-PROPELLED 40**
- ➔ **Spot work**
Angle grinder sets. Grinds and chases. **SPOT WORK 42–43**

WHAT'S THE JOB?

- ➔ **Stripping Paint or Epoxy**
Any machine in your size class, fitted with PCD tooling. **DISC GUIDE 24**
- ➔ **Polishing or Fine Finish**
Any planetary in your size class, fitted with resin pads. **PAD GUIDE 26**

WHAT'S ON SITE?

➔ 110 V or 230 V single phase

Single phase machines.

SINGLE PHASE 31-33

➔ Three Phase

The full section is open to you

THREE PHASE 32-39

➔ No Supply

TRANSFORMERS & GENERATORS 193



Every dry grind pairs with an M-class vac. H-class for old, possibly asbestos-bearing coatings. It goes on the hire order, every time.



A grinder stops 100-300 mm short of every wall. The edge grinder is the second machine on the order.



Need more than CSP 3? That's not a grinder job. Scarifying p.45, shot blasting p.65.

A grinder wears the slab down with diamond segments on spinning discs, the bond wears back so fresh diamond keeps biting. Single disc units reach edges; planetary ones cover ground fast. Swap the metal for resin pads and the same machine polishes instead of grinds, climbing the grit ladder up to a gloss.



WHAT IT DOES

Takes off thin coatings, paint, adhesive, bitumen, and the soft dusty layer on a fresh slab, and roughens the surface so the next coating grabs hold. Grinders are also capable of leveling floors and removing high spots. Change the metal segments for resin pads and it polishes that slab.

WHY IT'S USED

Preps a floor before applying resin, epoxy, or a new topping, even for thin coatings under a third of a millimetre. Strips old paint or coating that's gone brittle, up to about 1.5 mm thick. Grinds down ridges and lips at slab joints. Polishes bare concrete to a salt and pepper, exposed-aggregate or cream finish.

WHAT IS CSP?

csp, the “concrete surface profile”, is how rough a floor is after prep, measured on the ICRI scale from 1 (*near-smooth*) to 10 (*coarse and raked open*).



CSP 1

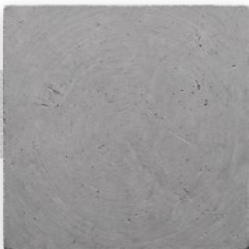
Smooth, minimal key. Reachable with high grit resin pads. Suited to penetrating sealers and thin films.

CSP 2

Light, uniform grind. The standard profile a grinder achieves. Standard metal-bond grind, repeatable on any machine.

CSP 3

Coarse, open profile. Low grit, grinding pressure and appropriate metal bond. csp 3 is the ceiling for grinding.



WHAT IS ICRI?

ICRI, the *International Concrete Repair Institute*, is the American body that came up with the CSP scale everyone uses to describe how rough a prepped floor is. They set the standard and publish the reference samples, and the whole trade, coating manufacturers included, works off it. So when a product data sheet calls for CSP 3, it's pointing back to ICRI's scale. It's the common language because the coatings you're prepping for are spec'd in it.

❶ **ICRI:** US body behind the CSP scale.

❷ **Laitance:** weak dusty layer on a fresh slab.

❸ **Substrate:** the slab itself.

❹ **Keying:** roughening so the coating grips.

❺ **Lippage:** a height step at a joint.

❻ **Grit Ladder:** coarse-to-fine resin pad steps that build a polish.

EDGES

A larger grinder won't get close enough to the edges and corners. Hire an edge grinder alongside the main machine, or you finish most of the floor and stop short at every wall.



SILICA DUST

Dust extraction is a legal requirement. Grinding concrete releases respirable crystalline silica. Irish law caps exposure at 0.1 mg/m^3 over an 8-hour day (S.I. 122 of 2024), and a dry grinder without an M-class dust extractor breaches it. H-class if the floor has old, possibly asbestos-bearing coatings. The vac goes on the hire order with the machine, every time.

THE BOND RULE

Hard floor, soft bond.

Soft floor, **hard bond**.

medium

hard

soft

WHY IT WORKS

A diamond segment is grit held in metal. The diamonds do the cutting; the metal bond is just the holder. As the floor blunts each diamond, the bond must wear away and let it fall out, exposing a sharp one beneath. A segment that cuts all day is a segment wearing away at exactly the right speed.

➔ Hard floors

A hard floor barely wears the bond, so the bond must be soft, or blunt diamonds stay trapped on the face and the segment stops cutting.

➔ Soft floors

A soft floor sheds coarse grit that eats the bond, so the bond must be hard, or your segments are gone by lunch.

➔ Failure 1: Glazing

Bond too hard for the floor. The segment goes smooth and shiny, the machine slides instead of cuts, dust stops coming. Fix: drop to a softer bond.

➔ Failure 2: Melting away

Bond too soft for the floor. The segments visibly shrink, a full set gone in hours. Fix: step up to a harder bond.



GRINDING

The heads that fit our floor grinders.



PLATE



CUP



EASY FIT TOOL

TERMINOLOGY

➔ Plate

Flat, one piece.



➔ Cup

Recessed (dished).



➔ Easy fit tool

The individual segment that fits onto a carrier plate to make up a set.



➔ Carrier plate

Holds the diamond tools. Interchangeable, faster to swap than a fixed plate.



➔ Grinding plate

Fixed type. Four bolts to remove for a tool change.



➔ PCD tooling

Stands for polycrystalline diamond: solid diamond segments brazed to the tool.



GRIT LADDER

Coarse to fine, one grit at a time.

WHY IT WORKS

A resin puck is fine diamond in soft resin. It still cuts, only finer each step: every grit shears off the scratch before it. Climb in order and the marks shrink pass by pass until the floor reads as gloss.

THE BRIDGE

Metal ends at ~140 grit; resin takes over. Optional ceramic transitionals, 30 to 200 grit, bridge the jump and obey the bond rule: hard floor, soft bond.

➔ Stop points

Pucks run 60 to 3000. 200 reads matte, 400 satin, 800 gloss; 1500 up is high-gloss work. Densify before the high grits.

➔ Skipping (failure #1)

Too big a jump. The fine puck cannot clear the coarse scratch beneath; the flaw polishes into the shine. Fix: drop back a grit and climb evenly.

➔ Glazing (failure #2)

Run dry too long or parked in one spot, the resin face glazes and stops refining. Fix: keep the machine moving.



TERMINOLOGY

➔ Resin puck

Fine diamond in a soft resin face. Refines the scratch, never cuts.



➔ Transitional

Ceramic-bond puck, 30 to 200 grit. Bridges metal to resin.



➔ Dot tool

Resin dots on a 60 or 100 mm plate. Same ladder, gentler cut.



➔ Grit

The number on the puck. Low cuts coarse, high polishes fine.



➔ Velcro adapter

Locks into the same station; takes 100 mm velcro pads for fine passes.



➔ Densifier

Liquid hardener applied before the high grits, so the floor takes and holds a shine.



POLISHED CONCRETE FINISHES



EASY FIT SEGMENTS

Carrier Plates



Bush Hammer carrier plate for texturing and antislip, not grinding.

Every planetary grinder in the fleet runs the same Easy Fit tooling. What changes from machine to machine is the carrier plate: a model-specific disc that fixes to the grinder head and presents the Easy Fit mount. Fit the right plate once, and the whole Easy Fit range below clips straight in, changed by hand without tools

PCD tools

Not grit-rated, PCD is polycrystalline diamond for stripping coatings, graded by tool geometry, not a grit number. We have these readily available in the shop.



Segments

		
2 FLAT SEGMENTS	1 FLAT SEGMENT	2 ARROW SEGMENTS
FULL BOND	LIGHT PASSES	8MM
RANGE (G): 16/30/80/140	RANGE (G): 16/30	AGGRESSIVE REMOVAL

Lavina Segments

Genuine Lavina quick-change metal bond tooling. Five bond grades, G6–G120, to match any floor hardness.



**2 BUTTON
(DOUBLE)**

**ONE BUTTON
(SINGLE)**



LENGTH - WIDTH - HEIGHT

QR CODE TO WEB LISTING

1078 × 355 × 1201 mm



XINGYI GX 250

Corner and edge grinder. Very compact, fits into a car boot. Capable of dry and wet grinding. The handle can be tilted according to the operator's needs.

DAY 1 €90

+1 DAY €45

WEEK €180



OPERATION	Walk-behind
WORKING WIDTH	250 mm
SPEED	350–1500 rpm
GRINDING PRESSURE	20.0 kg
DISC CONFIG	250 mm × 1
VOLTAGE	• 110 V • 220 V
RATED CURRENT	• 11 A • 5 A
PHASE	1
MOTOR POWER	1.1 kW
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
WEIGHT	60.0 kg



VACUUM PAIRING

BUDGET MTL 301

BEST PAIR

- MTL 202 DS
- MTL 452 DS

H-CLASS S2



812 × 386 × 1190 mm



**HTG
250D**

Corner and edge grinder. Very compact and lightweight. Features an adjustable swing lever and axle. Fits through any door, only being ~39 cm wide.

DAY 1	€90
+1 DAY	€45
WEEK	€180

OPERATION	Walk-behind
WORKING WIDTH	250 mm
SPEED	1410 rpm
DISC CONFIG	1 Pad & 3 Pads
VOLTAGE	• 110 V • 220–240 V
RATED CURRENT	12.7 A
PHASE	1
MOTOR POWER	• 2.2 kW • 3 kW
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
WEIGHT	60.0 kg



VACUUM PAIRING

BUDGET	MTL 301
BEST PAIR	• MTL 202 DS • MTL 452 DS
H-CLASS	S2



1108 × 460 × 1188 mm



HTG 250VS

Corner and edge grinder. Fitted with a branded WEG motor. The frame folds, allowing for easier transport and portability when not in use.

DAY 1	€90
+1 DAY	€45
WEEK	€180



OPERATION	Walk-behind
WORKING WIDTH	250 mm
SPEED	350–1500 rpm
DISC CONFIG	1 Pad & 3 Pads
VOLTAGE	• 110 V
RATED CURRENT	12 A
PHASE	1
MOTOR POWER	• 2.2 kW
PLUG SIZE	• 32 A, 3 pin
WEIGHT	70.0 kg



VACUUM PAIRING

BUDGET	MTL 301
BEST PAIR	• MTL 202 DS • MTL 452 DS
H-CLASS	S2

1739 × 435 × 1631 mm



CONGLORY CG 250

For uneven floors, corners and edges. The handle folds forward to check the slab. Speed adjustable. Keeps 60% of its weight directly on the head.

DAY 1	€124
+1 DAY	€62
WEEK	€248

OPERATION	Walk-behind
WORKING WIDTH	250 mm
SPEED	350–2000 rpm
GRINDING PRESSURE	56.6 kg
DISC CONFIG	250 mm × 1
VOLTAGE	380–460 V
RATED CURRENT	11.9 A
PHASE	3
MOTOR POWER	5.5 kW
PLUG SIZE	32 A, 5 pin
WEIGHT	182.5 kg



VACUUM PAIRING

BUDGET	MTL 452 DS
BEST PAIR	DM3 EL
H-CLASS	S3



1542 × 572 × 1640 mm



XINGYI GX 580

Grinds wet or dry at variable speed with reversible rotation. LED light and a digital display control panel. Folds for transport.

DAY 1 **€134**

+1 DAY **€67**

WEEK **€268**



OPERATION	Walk-behind
WORKING WIDTH	580 mm
SPEED	450–1680 rpm
GRINDING PRESSURE	103.5 kg
DISC CONFIG	310 mm × 2
VOLTAGE	• 220–240 V • 380–460 V
RATED CURRENT	• 20.6 A • 11.9 A
PHASE	• 1 • 3
MOTOR POWER	5.5 kW
PLUG SIZE	• 32 A, 3 pin • 32 A, 5 pin
WEIGHT	200.5 kg

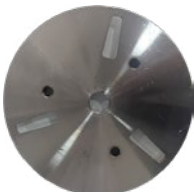


VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



1539 × 462 × 1417 mm



**HTG
460**

Planetary grinder and polisher for concrete, stone and terrazzo, wet or dry; variable speed, reversible rotation, and a magnetic LED light.

DAY 1	€170
+1 DAY	€85
WEEK	€340

OPERATION	Walk-behind
WORKING WIDTH	456 mm
SPEED	0–1500 rpm
GRINDING PRESSURE	54.5 kg
DISC CONFIG	200 mm × 3
VOLTAGE	220–240 V
RATED CURRENT	8.1 A
PHASE	1
MOTOR POWER	2.3 kW
PLUG SIZE	16 A, 3 pin
WEIGHT	193.5 kg



VACUUM PAIRING

BUDGET	MTL 452 DS
BEST PAIR	DM3 EL
H-CLASS	S3



1688 × 554 × 1509 mm



HTG 550 ULTRA

Three-head planetary for heavy floor prep and polishing. Grinds coatings, laitance and old toppings right back across an open slab.

DAY 1 €200

+1 DAY €100

WEEK €400



OPERATION	Walk-behind
WORKING WIDTH	550 mm
SPEED	350–1980 rpm
GRINDING PRESSURE	147 kg
DISC CONFIG	230 mm × 3
VOLTAGE	• 220–240 V • 380–460 V
RATED CURRENT	11 A
PHASE	3
MOTOR POWER	5.5 kW
PLUG SIZE	• 32 A, 3 pin • 32 A, 5 pin
WEIGHT	289.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	S3 OR T6

1120 × 640 × 1200 mm



**XINGYI
600 4I (Q8)**

Four-head planetary for grinding and polishing large or medium floors. Damping pad to protect the grinding head from damage. Available in single and three phase.

DAY 1	€200
+1 DAY	€100
WEEK	€400

OPERATION	Walk-behind
WORKING WIDTH	600 mm
SPEED	350–1680 rpm
DISC CONFIG	320 mm × 4
VOLTAGE	• 220–240 V • 380–460 V
RATED CURRENT	• 29.3 A • 17 A
PHASE	• 1 • 3
MOTOR POWER	• 5.5 kW • 9.5 kW
PLUG SIZE	• 32 A, 3 pin • 32 A, 5 pin
WEIGHT	• 201.0 • 239.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



2177 × 690 × 1855 mm



XINGYI GX 720

Self-propelled grinder and polisher. The battery drive does the pushing, so the operator steers and guides rather than shoves the weight.

DAY 1 €280

+1 DAY €140

WEEK €560



OPERATION	Self-propelled
WORKING WIDTH	680 mm
SPEED	350–1680 rpm
GRINDING PRESSURE	268 kg
DISC CONFIG	370 mm × 4
VOLTAGE	400 V
RATED CURRENT	32.2 A
PHASE	3
MOTOR POWER	15.0 kW
PLUG SIZE	32 A, 5 pin
WEIGHT	459.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6

2042 × 700 × 1770 mm



**HTG
680 SP**

Self-propelled four-head planetary for large-area work: heavy grinding and levelling, epoxy and coating removal, polishing and terrazzo finishing.

DAY 1	€340
+1 DAY	€170
WEEK	€680

OPERATION	Self-propelled
WORKING WIDTH	678 mm
SPEED	350–1980 rpm
GRINDING PRESSURE	229 kg
DISC CONFIG	230 mm × 4
VOLTAGE	380–460 V
RATED CURRENT	23.4 A
PHASE	3
MOTOR POWER	11.0 kW
PLUG SIZE	32 A, 5 pin
WEIGHT	527.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



2241 × 805 × 1932 mm



XINGYI 800LE+

The big self-propelled planetary for large open floors, four heads covering ground fast on heavy prep and high-gloss polishing alike.

DAY 1 €450

+1 DAY €225

WEEK €900



OPERATION	Self-propelled
WORKING WIDTH	800 mm
SPEED	450–1950 rpm
GRINDING PRESSURE	336.5 kg
DISC CONFIG	256 mm × 4
VOLTAGE	380–460 V
RATED CURRENT	32.2 A
PHASE	3
MOTOR POWER	15.0 kW
PLUG SIZE	32 A, 5 pin
WEIGHT	570.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



ANGLE GRINDER SET
125 MM

Hand-held angle grinder with a grinding cup and dust guard. Allows the operator to work in tight spaces, walls and corners.

DAY 1	€34
+1 DAY	€17
WEEK	€68



VOLTAGE	• 110 V • 230 V
PLUG SIZE	16 A, 3 pin
MOTOR POWER	• 1.1 kW • 1.5 kW
DISC DIAMETER	115–125 mm
INCLUDED	• Nakaya 125-MA (DUST GUARD) • Grinding Cup Disc (25 G)
VAC PAIR	Metabo ASR 35 ASL



ANGLE GRINDER 180 MM

Hand-held angle grinder with a grinding cup and dust guard. Allows the operator to work in tight spaces and corners. Removes small humps on a floor.

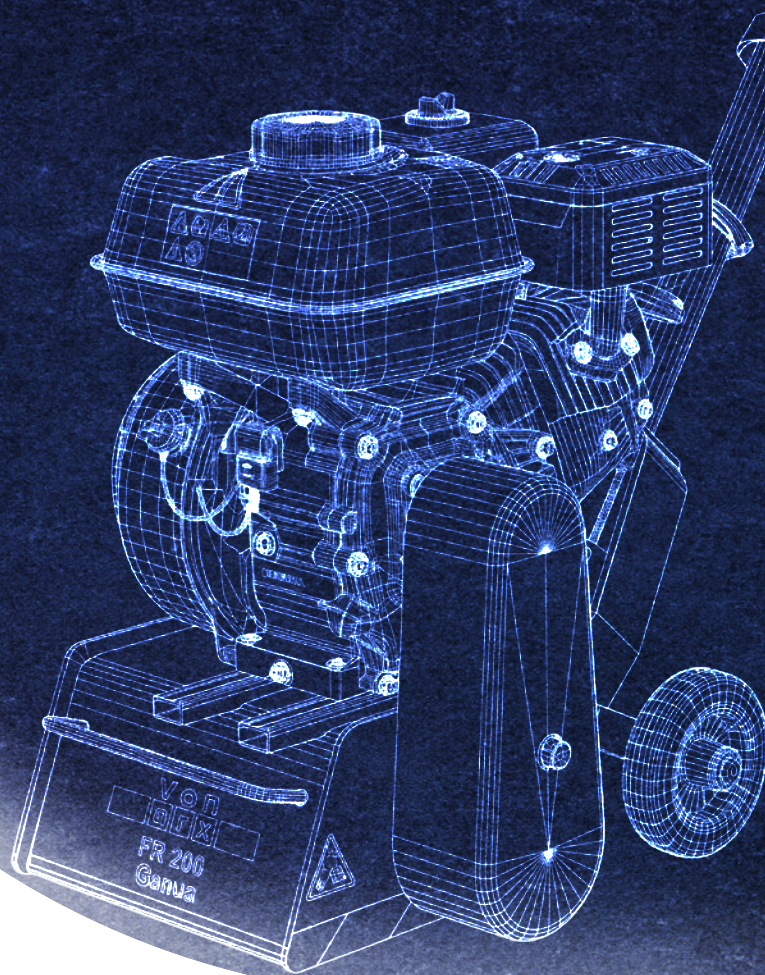
DAY 1 €44

+1 DAY €22

WEEK €88



VOLTAGE	• 110 V • 220–240 V
PLUG SIZE	32 A, 3 pin
MOTOR POWER	2.2 kW 2.4 kW
DISC DIAMETER	180 mm
ADD-ON	• Nakaya 180 (Dust guard) • Grinding Cup Disc (25 G)
VAC PAIRS	• MTL 202 DS • MTL 202 DS LP • MTL 452





the
SCARIFIER

WHAT SCARIFIER?

Three questions: what's coming off, the area, and the power on site.

HOW MUCH FLOOR?

→ Edges, corners and small rooms

The 100 mm VA 10 L

VA 10 L 50

→ Small

The 200 mm FR 200 Genus electric or petrol.

FR 200 GENUS 51

→ Medium

The 250 mm VA 25 S

VA 25 S 53

→ Large

The 300 mm VA 30 S, petrol or three phase electric.

VA 30 S 55

→ The Heavy End

The VA 30 SH, Diesel, Hydraulic Traction.

VA 30 SH 57

WHAT'S THE JOB?

→ Road Lines & Markings

Beam cutters take paint and markings off without tearing the surface.

FR 200 51

→ Thermoplastic & Thick Coatings

Milling cutters strip coatings.
Any machine in your size class.

→ Roughening for a Coating

Carbide cutters. csp 4–7. Match the coating's number on the scale.

WHAT'S THE JOB?

➔ High Spots, Lippage, & Levelling

Depth does the work.

VA 30 S **55**

VA 30 SH **57**

➔ A Flat Finish or Low Dust

Not a scarifier's job. The drum hammers, it doesn't grind.

SHAVER **59**

WHAT'S ON SITE?

➔ Single phase 110 / 230 V

The VA 10 L / FR 200 Genus runs off the socket in the wall.

VA 10 L **50**

➔ Three Phase

The VA 30 S electric, 400 V on a 32 A, 5 pin.

VA 30 S **55**

➔ No Supply?

FR 200 Petrol:

FR 200 **51**

VA 25 S Electric:

VA 25 S **53**

VA 30 S Electric:

VA 30 S **55**

VA 30 SH Diesel:

VA 30 SH **57**



Vibration limits hours. The FR 200 Genus under 3.6 m/s^2 runs most of a shift inside the limits; the VA 30 SH at 14.1 m/s^2 reaches the daily limit in about an hour of trigger time. Plan the crew rotation before the day, not during it.



Every dry cut pairs with an M-class vac, H-class over old, possibly asbestos-bearing coatings. It goes on the hire order, every time.

A scarifier hammers the slab rather than abrading it. A drum spins at speed carrying loose cutters that fly outward and chip at the surface, taking off far more per pass than a grinder. You set the cut depth by raising or lowering the drum, and that depth is the number the whole job turns on.



WHAT IT DOES

Hammers through thick coatings, line paint, and trip hazards, and cuts a coarse profile (CSP 4 to 7) for heavy coatings to grip. Takes 3 to 7 mm a pass, far more than a grinder.

WHY IT'S USED

Stripping thick coatings a grinder can't touch: thermoplastic, heavy epoxy over 2 mm. Takes down raised slab edges at joints. Bulk levelling high spots before grinding or coating.

WHAT CUTTERS?

TCT flails are “tungsten-carbide-tipped steel cutters”, the general-purpose choice for clean cuts at mid profiles; star cutters are solid hardened steel with no carbide, coarser and tougher, for hard concrete and heavy impact.

CSP 4

Lightest profile worth a scarifier. TCT flails, one shallow pass.



CSP 5

Falls between cutter setups. TCT flails run deeper.



CSP 6

Standard profile a scarifier achieves. Use TCT or star cutters.



CSP 7

Top of the walk-behind range. Star cutters, max depth.



WHAT IS ICRI?

ICRI, the *International Concrete Repair Institute*, is the American body that came up with the CSP scale everyone uses to describe how rough a prepped surface is. They set the standard and publish the reference samples, and the whole trade, coating manufacturers included, works off it. So when a product data sheet calls for CSP 5, it's pointing back to ICRI's scale. It's the common language because the coatings you're prepping for are spec'd in it.

SILICA DUST

Scarifying concrete releases *respirable crystalline silica*, and because the cut is deeper, it sheds more than a grinder. Irish law caps exposure at 0.1 mg/m³ over an 8-hour day (S.I. 122 OF 2024), and a dry machine without an M-class extractor breaches it. H-class if the floor has old, possibly asbestos-bearing coatings. The vac goes on the hire order, every time.

VIBRATION

Scarifiers vibrate hard, and that limits hours, not comfort. Under Directive 2002/44/EC the daily hand-arm exposure limit is 5.0 m/s², with protective measures triggered at 2.5. A low-vibration machine (the Von Arx FR 200 Genus runs under 3.6 m/s²) buys more trigger time per shift before you have to stop.

❶ **TCT Flail:** Carbide-tipped steel cutter. General-purpose, clean cut

❷ **Star cutter:** Solid hardened steel. Coarser, tougher, for hard concrete.

❸ **CSP:** Concrete surface profile.

❹ **Lippage:** a height step at a joint.



330 × 360 × 1320 mm



VON ARX
VA 10 L

Designed for rough-
ening small areas and
tight corners. Equipped
with a swivel handgrip.
Various cutters can be
fitted to suit different
applications.

DAY 1	€80
+1 DAY	€40
WEEK	€160

WORKING WIDTH	100 mm
DEPTH (HARD)	1 mm
DEPTH (SOFT)	3 mm
DISTANCE TO WALL	20 mm
CUTTERS	Pentagonal
PRODUCTION	20–25 m²/h
MOTOR	2.2 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
WEIGHT	24.0 kg
NOISE LEVEL	79.3 dB(A)
VIBRATION	< 3.6 m/s²



VACUUM PAIRING

BUDGET	METABO ASR 35 M ACP
BEST PAIR	MTL 301



1100 × 380 × 970 mm



VON ARX FR 200 GENUS

Handles everything from cleaning to the tricky removal of pavement markings. Ideal for carrying out precise work on small and medium surfaces, both indoors and outdoors.

DAY 1 €80

+1 DAY €40

WEEK €160



WORKING WIDTH	200 mm
DEPTH (HARD)	Surface
DEPTH (SOFT)	3 mm
DISTANCE TO WALL	67 mm
CUTTERS	Pentagonal carbide
PRODUCTION	35–40 m ² /h
MOTOR	• 1.5 kW • 2.2 kW
VOLTAGE	• 110 V / 50 Hz • 230 V / 50 Hz
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
WEIGHT	• 63.0 kg • 59.7 kg
NOISE LEVEL	79.3 dB(A)
VIBRATION	< 3.6 m/s ²



VACUUM PAIRING

BEST PAIR	MTL 452 DS
H-CLASS	S2



VON ARX
FR 200 GENUS

Petrol variant. Handles everything from cleaning to the tricky removal of pavement markings. Ideal for carrying out precise work on small and medium surfaces.

DAY 1	€80
+1 DAY	€40
WEEK	€160

WORKING WIDTH	200 mm
DEPTH (HARD)	Surface
DEPTH (SOFT)	3 mm
DISTANCE TO WALL	54 mm
CUTTERS	Pentagonal carbide
PRODUCTION	35–40 m ² /h
ENGINE	4 kW
FUEL TYPE	Petrol
WEIGHT	56.0 kg
NOISE LEVEL	90.8 dB(A)
VIBRATION	< 10.3 m/s ²



VACUUM PAIRING

BEST PAIR	MTL 452 DS
H-CLASS	S2



950 × 460 × 1170 mm



VON ARX VA 25 S

For small to medium surfaces. Equipped with a vibration absorber and an infinite variable depth adjuster. Various cutters can be fitted.

DAY 1 **€140**

+1 DAY **€70**

WEEK **€280**



WORKING WIDTH	250 mm
DEPTH (HARD)	3 mm
DEPTH (SOFT)	6 mm
DISTANCE TO WALL	67 mm
CUTTERS	Hexagonal carbide
PRODUCTION	40–45 m ² /h
VOLTAGE	400 V
MOTOR	4.0 kW
PLUG SIZE	32 A, 5 pin
WEIGHT	111 kg
NOISE LEVEL	79.3 dB(A)
VIBRATION	< 4.4 m/s ²



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	S3



VON ARX
VA 25 S

Petrol. For small to medium surfaces. Equipped with a vibration absorber and an infinite variable depth adjuster. Various cutters can be fitted.

DAY 1	€140
+1 DAY	€70
WEEK	€280

WORKING WIDTH	250 mm
DEPTH (HARD)	3 mm
DEPTH (SOFT)	6 mm
DISTANCE TO WALL	67 mm
CUTTERS	Hexagonal carbide
PRODUCTION	40–45 m ² /h
ENGINE	5.3 kW
FUEL TYPE	Petrol
WEIGHT	108.4 kg
NOISE LEVEL	90.8 dB(A)
VIBRATION	< 10.4 m/s ²



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	S3



1350 × 560 × 1090 mm



VON ARX VA 30 S

Heavy duty petrol scarifier for large surface areas. Infinite variable depth adjuster adapts perfectly to every surface.

DAY 1 €280

+1 DAY €140

WEEK €560



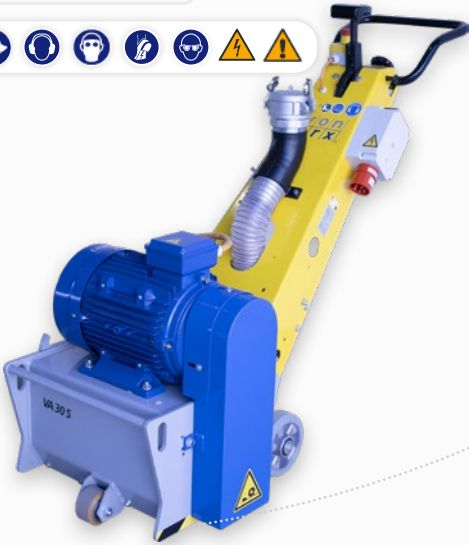
WORKING WIDTH	300 mm
DEPTH (HARD)	6 mm
DEPTH (SOFT)	9 mm
DISTANCE TO WALL	90 mm
CUTTERS	Octagonal carbide
PRODUCTION	50–55 m ² /h
ENGINE	6.0 kW
FUEL TYPE	Petrol
WEIGHT	173.0 kg
NOISE LEVEL	90.8 dB(A)
VIBRATION	< 6.9 m/s ²



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6

1350 × 560 × 1090 mm



VON ARX
VA 30 S

Big mains-powered scarifier for large floors. Infinite variable depth adjuster allows to adapt perfectly to every surface.

DAY 1	€280
+1 DAY	€140
WEEK	€560

WORKING WIDTH	300 mm
DEPTH (HARD)	6 mm
DEPTH (SOFT)	9 mm
DISTANCE TO WALL	90 mm
CUTTERS	Octagonal carbide
PRODUCTION	50–55 m²/h
MOTOR	7.5 kW
VOLTAGE	400 V, 50 Hz
PLUG SIZE	32 A, 5 pin
WEIGHT	222.8 kg
NOISE LEVEL	79.3 dB(A)
VIBRATION	< 6.2 m/s²



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



1350 × 560 × 1090 mm



VON ARX VA 30 SH

For heavy duty cleaning and roughening work. Ideal for cleaning large areas of concrete, removing concrete slurry, dirt, plastic, etc.

DAY 1 €440

+1 DAY €220

WEEK €880

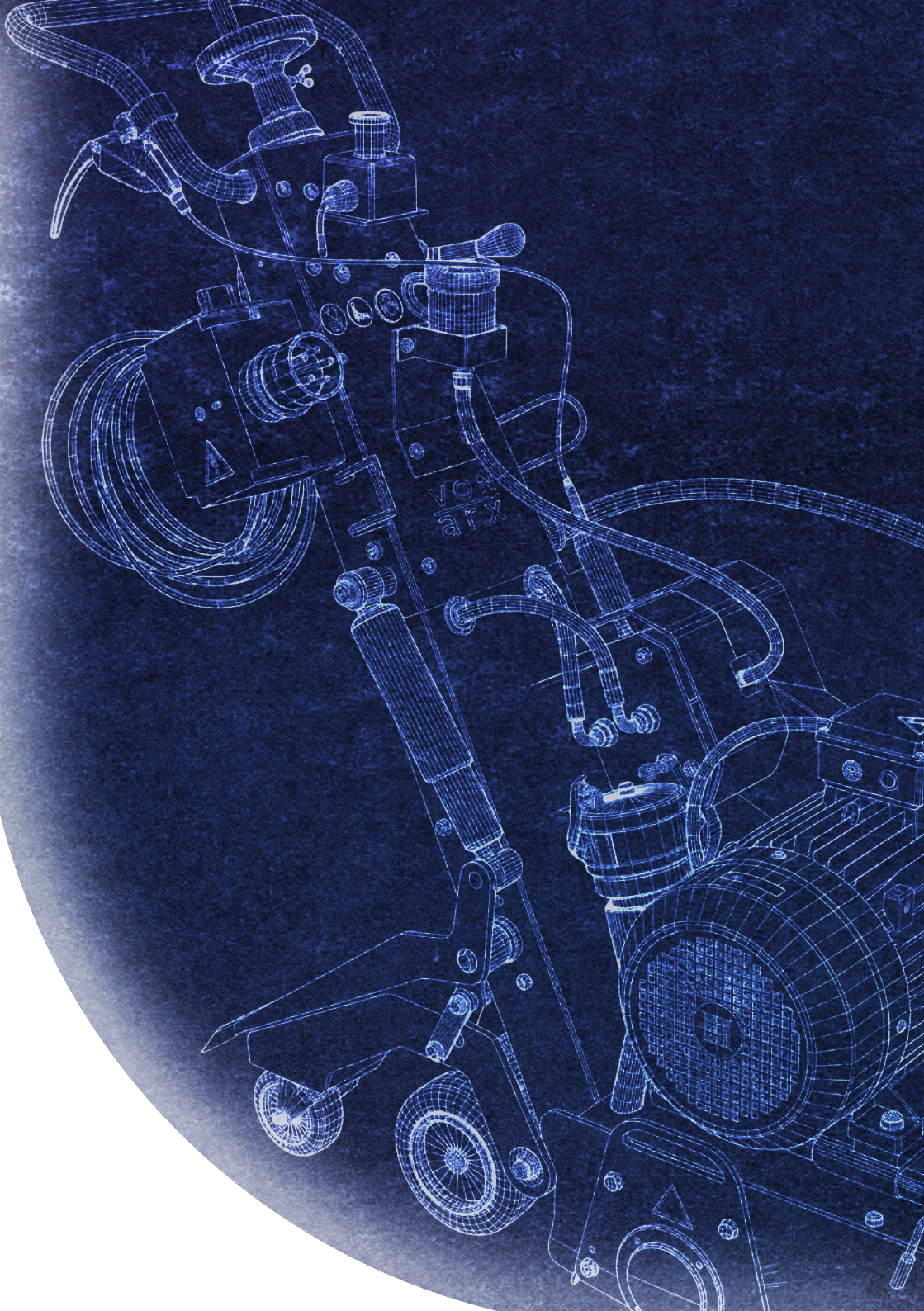


WORKING WIDTH	300 mm
DEPTH (HARD)	7 mm
DEPTH (SOFT)	10 mm
DISTANCE TO WALL	90 mm
CUTTERS	Octagonal carbide
PRODUCTION	50–55 m ² /h
ENGINE	7.5 kW
FUEL TYPE	Diesel
WEIGHT	305.4 kg
NOISE LEVEL	95.1 dB(A)
VIBRATION	< 14.1 m/s ²

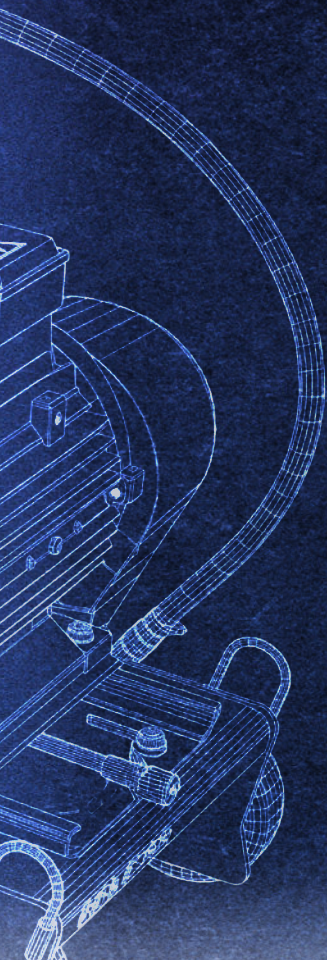


VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



the
SHAVER



A shaver cuts the slab rather than hammering it. A self-propelled drum of stacked diamond blades shears off a thin, even layer in a continuous cut, where a scarifier's flails chip lumps out. It works from a skim to several millimetres, and packed or spaced, the same drum also cuts antislip grooves.

WHAT IT DOES

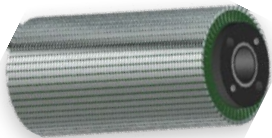
Grinds coatings, thermoplastic lines and thin layers off concrete and asphalt with diamond blades, leaving a flat ground finish and little dust. Achieves antislip grooves when blades are spaced out. Blade tip: soft or hard concrete sets, packed flat or spaced for grooves.

WHY IT'S USED

Lifting coatings for re-coat where the finish must stay flat: food, pharma, warehouse floors. Stripping thermoplastic road lines. Levelling lippage and high spots on the runs the self-propelled drive holds. Cutting antislip grooves in ramps, wash bays and cattle alleys.

WHAT DRUM?

Pack the diamond blades tight for a shallow, precise cut and a flat finish; space them with wider washers to cut and groove.



TIGHT = SMOOTH FINISH

Cuts coatings, thermoplastic lines and thin layers off concrete, asphalt, screed, and stone with diamond blades, leaving a flat ground finish and little dust.

SPACED = GROOVES

Achieves antislip grooves when blades are spaced out.



SILICA DUST

The shaver is the low-dust option: a continuous diamond cut, run wet and caught at the drum, puts far less in the air than a scarifier. It releases respirable crystalline silica, and the 0.1 mg/m^3 8-hour limit applies (S.I. 122 of 2024): M-class vac minimum, H-class for ASBESTOS coatings. Wet means slurry to clear, and lower dust is not no dust; the vac still goes on the order.

SHAVER OR SCARIFIER?

Same job, opposite method. A scarifier hammers free cutters into the slab for a coarse CSP 4 to 7 texture; a shaver grinds a diamond drum across it for a flat finish, or spaces the blades to groove. Reach for the scarifier on thick coatings and bulk removal, the shaver when the finish must stay flat and the dust low.

① **Diamond drum:** Stacked diamond blades that cut, not flails.

① **Spacers:** Washers set between blades; wide gaps cut grooves.

① **CSP:** Concrete surface profile.

① **Substrate:** the slab itself.

① **Screed:** A thin sand-and-cement topping, no gravel.



VON ARX
DTF 25 SH

Self-propelled shaver for taking thermoplastic road lines, coatings and thin layers off concrete and asphalt. Smooth, low-dust finish on big jobs. Achieves a grooved finish when cutters are fitted with a gap for anti-slip flooring.



WORKING WIDTH	250 mm
DEPTH (HARD)	10 mm
DEPTH (SOFT)	12 mm
DISTANCE TO WALL	100 mm
BLADES	72 × Diamond blades 125 mm
PRODUCTION	45–50 m²/h
MOTOR	11.0 kW
VOLTAGE	400 V, 50 Hz
PLUG SIZE	32 A, 5 pin
WEIGHT	225.0 kg

DAY 1	€440
+1 DAY	€220
WEEK	€880

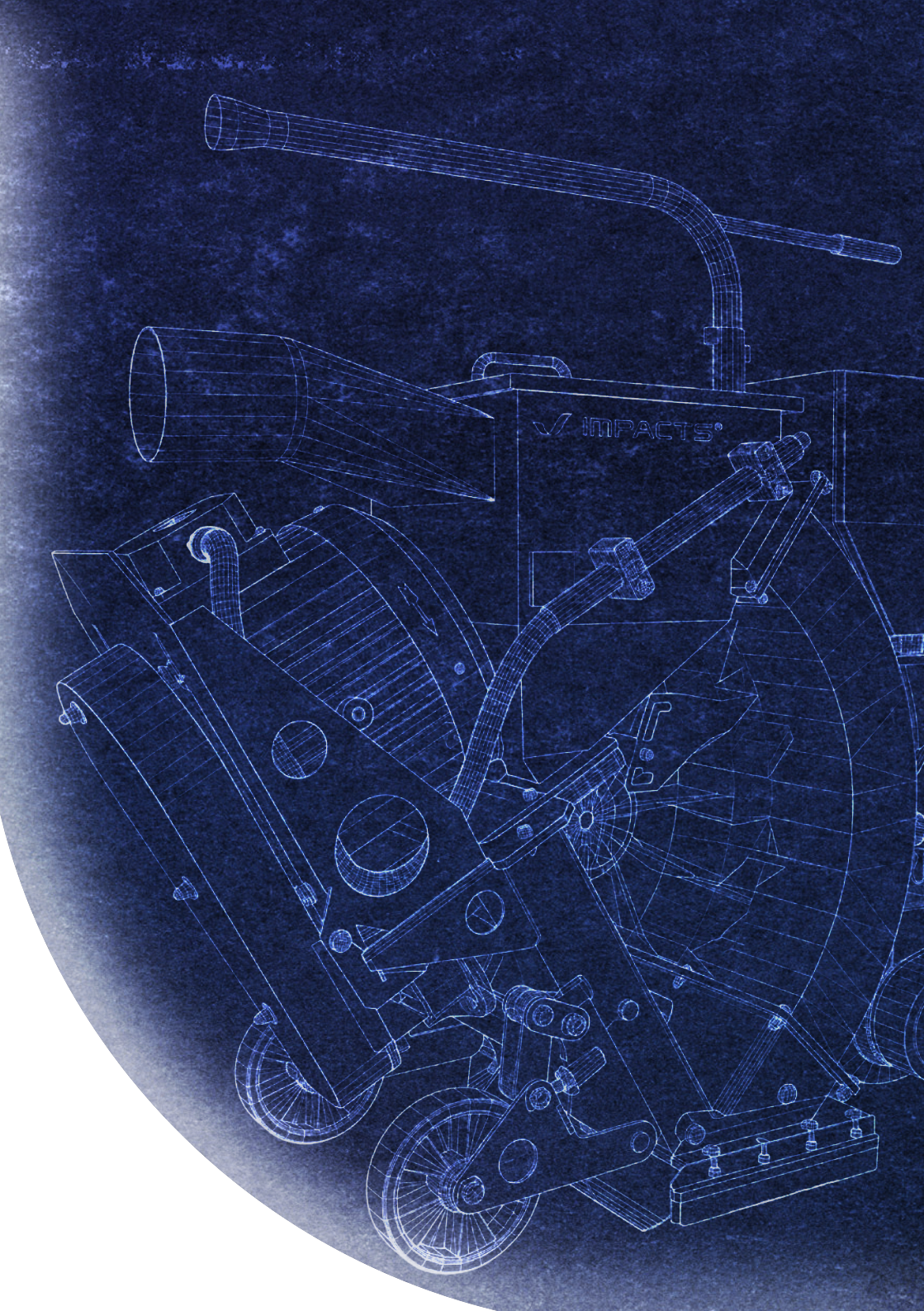
Replacement
Drums

Swap-in drums let you set the shaver up for regular or hard concrete and for fine or coarse cuts without rebuilding the blade stack by hand.

WIDTH	250 mm
BLADES	66 × Diamond blades Turbo TKS10 (68 × 2 mm spacers)
PER MILLIMETRE	€120

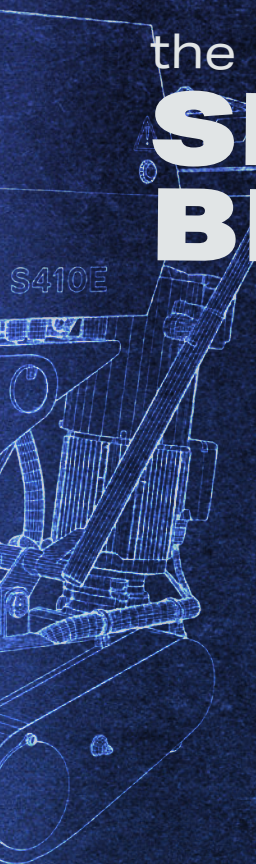
1150 × 480 × 1150 mm





the

SHOT BLASTERS



WHAT BLASTER?

Three questions: the area, the surface and the power on site.
Every machine here needs three phase, so start there.

HOW MUCH FLOOR?

➔ Small: corridors, garages, landings

The 210 mm S210E40R, up to 80 m²/h

S210E40R 70

➔ Medium floors, plus edging

The 270 mm S270E75R, up to 140 m²/h

S270E75R 71

➔ Large floors

The 320 mm S320E110R set, up to 180 m²/h.

S320E110R 72

➔ Very large: warehouses, car parks

The 405 mm S410E set, up to 260 m²/h.

S410E 73

WHAT'S THE JOB?

➔ Stripping laitance and curing compounds

Any machine in your size class; the blaster collects the waste as it works.

➔ Edges and perimeter strips

The S270E75R doubles as an edging machine and takes the perimeter itself.

S270E75R 71

➔ Steel decks and de-rusting

The S410

S410 73

The S320

S320 72

WHAT'S ON SITE?

➔ Three Phase, 32 A

S210E40R Three phase

S210E40R 70

S270E75R Three phase

S270E75R 71

➔ Three Phase, 32 A / 63 A

S320E110R

S320E110R 72

S410E sets

S410E 73

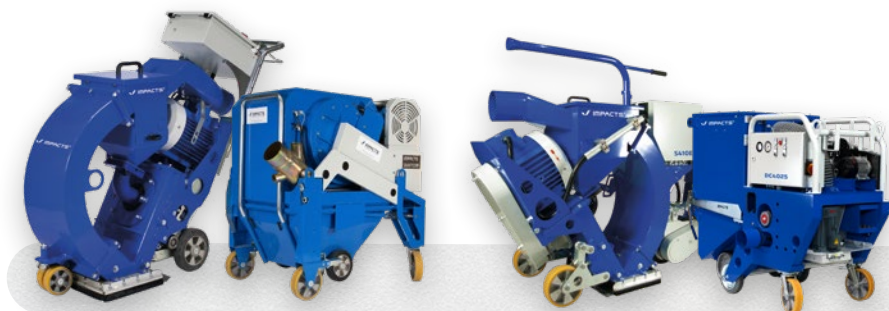
The set's collector takes its own 16 A outlet.

➔ No Supply?

There is no petrol or single phase blaster.

For a similar profile on engine power, scarify.

SCARIFIERS 45



The Collector

A blaster handles shot; its collector handles dust, sized as a pair. The big sets ship with a matched Dustcom; the smaller two take a vacuum from the dust extraction section, named on each page. Undersize it and dust escapes. It goes on the hire order, every time.

A shot blaster fires hardened steel shot at the slab from a spinning wheel, fracturing the surface and bouncing the shot straight back into the machine. A separator inside splits reusable shot from spent dust, so a properly set rig works almost dust-free. On an open floor it covers ground faster than a grinder or scarifier ever will.



WHAT IT DOES

Strips laitance, curing compounds and contamination off bare concrete and cuts an even profile for resin and overlay coatings to key into. The standard result is csp 5. Slower travel or a second pass deepens it to 7; faster travel lightens it to 4. The shot circulates inside the machine, so the work stays close to dust-free.

WHY IT'S USED

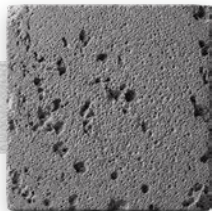
Profiling open floors before coating, from a single garage up to a warehouse: the range spans 210 to 410 mm wide to match the area. Stripping for resin or polyurethane where a grinder would burn diamonds and days. Steel decks and de-rusting too, with the same shot.

WHAT COLLECTOR?

The blaster handles shot; a matched collector handles dust, sized as a pair. The s320 and s410 come as sets with a Dustcom collector; the smaller two take a vacuum from the dust extraction section. M-class minimum for concrete, H-class for asbestos-suspect coatings.

CSP 4

Fast single pass. The lightest this coarse shot reaches. Lighter CSP required? Grind instead.



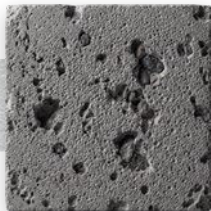
CSP 5

The standard result. Steady pass, full overlap: the everyday key for resin and overlays.



CSP 6

Slow the travel or add a second pass. A deeper key for thick, high-build coatings.



CSP 7

Slowest travel, repeat passes. About as deep as it blasts.



WHAT IS ICRI?

ICRI, the *International Concrete Repair Institute*, is the American body that came up with the CSP scale everyone uses to describe how rough a prepped surface is. They set the standard and publish the reference samples, and the whole trade, coating manufacturers included, works off it. So when a product data sheet calls for CSP 5, it's pointing back to ICRI's scale. It's the common language because the coatings you're prepping for are spec'd in it.

SILICA DUST

Shot blasting releases respirable crystalline silica, but the closed loop contains most of it: the separator pulls dust into the collector, not into the air. That holds only if the collector matches the blaster. Irish law caps exposure at 0.1 mg/m^3 over 8 hours (S.I. 122 OF 2024); undersize it and you breach the limit. M-class minimum, H-class for old asbestos-bearing coatings.

EDGES

The head is enclosed, so a blaster stops about 25 mm short of the wall and leaves a strip. Follow with an edge grinder, or pick the s270e75r: it doubles as the edger and takes its own perimeter. In a tight or cluttered room no blaster is the right call. Grind instead, p.19.

① **STEEL SHOT:** Mixed grade S460, 1.2–1.7 mm. Sold separately.

① **Separator:** Splits reusable shot from spent dust inside the machine.

① **Keying:** roughening so the coating grips.

① **Laitance:** weak dusty layer on a fresh slab.

① **Screed:** A smooth, thin cement-and-sand top layer, *no coarse stone in the mix.*



1100 × 300 × 1000 mm



MAGNETIC
BROOM
INCLUDED



IMPACTS
S210E40R

Shot-blast profil-
ing on small floors
before coating: corri-
dors, garages, landings,
ramps.

DAY 1	€200
+1 DAY	€100
WEEK	€400

WORKING WIDTH	210 mm
BLASTING CAPACITY	80 m²/h
BLASTING POWER	4 kW
TRAVEL SPEED	0–25.0 m/min
VOLTAGE	400 V
POWER CONNECTOR	400 V, 50 Hz, 32 A
PLUG SIZE	32 A, 5 pin
WEIGHT	125.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6



1250 × 390 × 1050 mm



MAGNETIC
BROOM
INCLUDED



IMPACTS S270E75R

Shot-blast profiling on mid-size floors before coating. Also runs as an edging machine.

DAY 1 **€300**

+1 DAY **€150**

WEEK **€600**



WORKING WIDTH	270 mm
BLASTING CAPACITY	140 m ² /h
BLASTING POWER	7.5 kW
TRAVEL SPEED	0–24.0 m/min
VOLTAGE	400 V
POWER CONNECTOR	400 V / 50 Hz, 32 A, CEE
PLUG SIZE	32 A, 5 pin
WEIGHT	170.0 kg



VACUUM PAIRING

BUDGET	DM3 EL
BEST PAIR	DG 50 EXP
H-CLASS	T6

1407 × 488 × 1125 mm



IMPACTS S320E110R SET

Shot-blast profiling on large floors before coating, with a wear-resistant blast-chamber lining. Ships as a set with its matched DUSTCOM DC2725.

DAY 1	€620
+1 DAY	€310
WEEK	€1240



MAGNETIC
BROOM
INCLUDED



WORKING WIDTH	320 mm
BLASTING CAPACITY	180 m²/h
BLASTING POWER	11 kW
TRAVEL SPEED	0–26.0 m/min
VOLTAGE	400 V
POWER CONNECTOR	50 Hz, 32 A, CEE
WEIGHT	270.0 kg
PLUG SIZE	32 A, 5 pin

DC2725

The s320's matched M-class collector: 1000 m³/h through a 105 L bin. Sized so the shot circuit stays sealed.

FILTER CLASS	M
AIRFLOW	1000 m³/h
CLEANING	Continuously, Pneumatically
CAPACITY	105 L
HOSE CONNECTION	Ø 130 mm
POWER	4 kW
POWER SUPPLY	400 V/50 Hz, 32 A

1850 × 540 × 1050 mm



IMPACTS S410E SET

Shot-blast profiling on very large floors before coating. Integrated brake; ships as a set with its matched Dustcom dc4025.

DAY 1 €750

+1 DAY €375

WEEK €1500



**MAGNETIC
BROOM
INCLUDED**

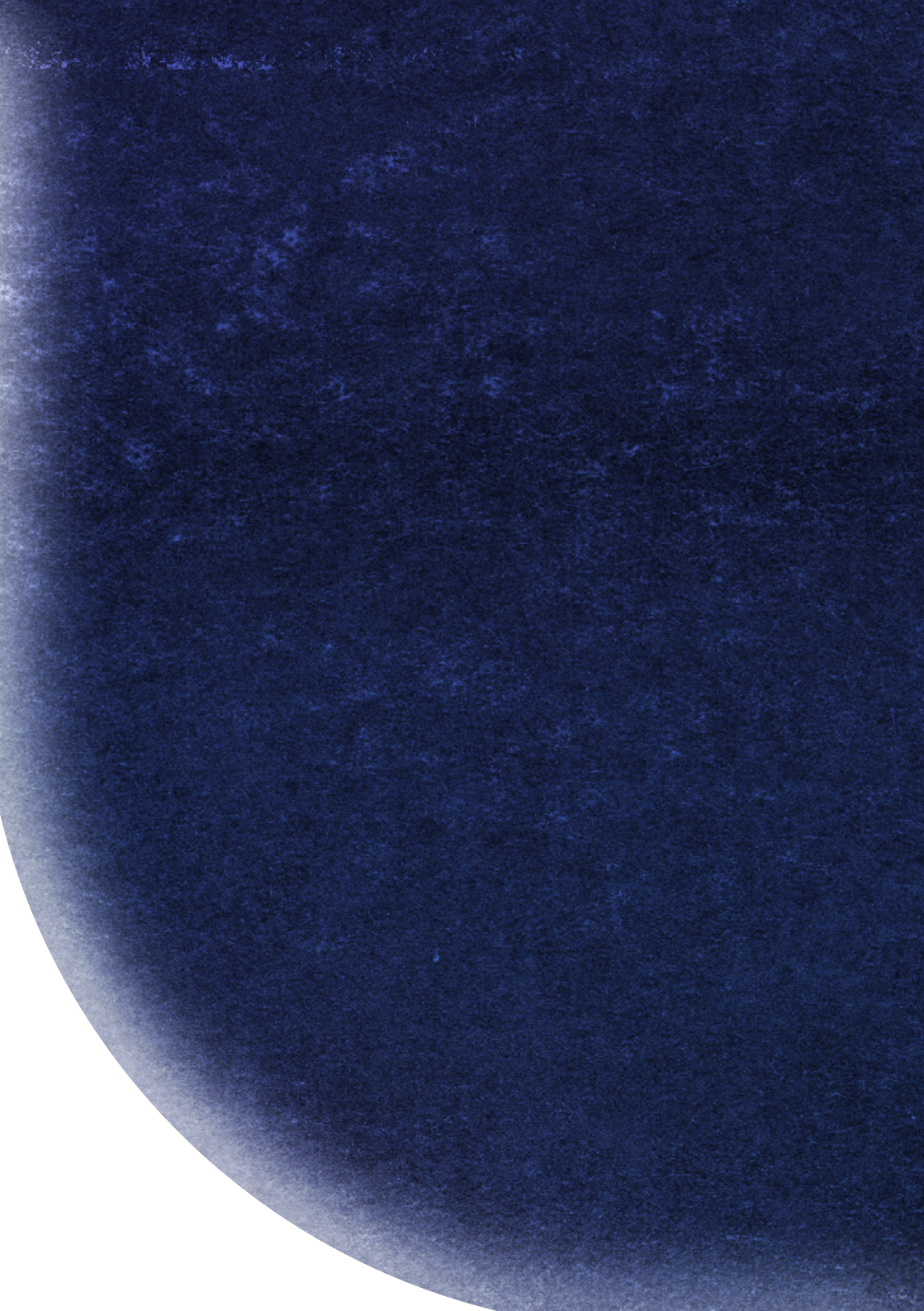


WORKING WIDTH	405 mm
BLASTING CAPACITY	260 m ² /h
BLASTING POWER	15 kW
TRAVEL SPEED	0–38.0 m/min
VOLTAGE	400 V
POWER CONNECTOR	50 Hz, 63 A
WEIGHT	485.0 kg
PLUG SIZE	63 A, 5 pin

DC4025

The s410's matched M-class collector: 1300 m³/h through a 200 L lift-out bin.

FILTER CLASS	M
AIRFLOW	1300 m ³ /h
CLEANING	Continuously, Pneumatically
CAPACITY	200 L
HOSE CONNECTION	Ø 150 mm
POWER	5.5 kW
POWER SUPPLY	400 V/50 Hz, 32 A



the
**FLOOR
SCRAPERS**



WHAT SCRAPER?

Three questions: what is on the floor, how much of it, and what the slab is made of.
The covering picks the machine; the blade does the work.

WHAT'S ON THE FLOOR?

- ➔ **Carpet, vinyl, lino, cork, felt**
The sc 20 p.80 for small rooms. sc 25 p.81 for larger ones. **SC 20 P. 80**
- ➔ **Stuck-down sheet and soft goods**
For tight rooms and doorways **SC 25 P.81, 5280 P.84**
- ➔ **Ceramic tile, adhesive, wood**
The 6280HD Gladiator strips hard and soft alike. **6280HD GLADIATOR P.85**
The wide sc 35 clears tile fast on big floors. **SC 35 P.82**
- ➔ **Any glued-down covering**
The self-propelled Wolff Turbo **WOLFF TURBO P.83**

HOW MUCH FLOOR?

- ➔ **Small rooms, doorways, tight spots**
SC 20 P.80
5280 P.84
- ➔ **Medium rooms**
SC 25 81
- ➔ **Large floors**
SC 35 P.82 6280HD P.85
- ➔ **Huge floors**
NFE 7700 RIDE-ON P.86

WHAT'S ON SITE?

➔ Household 230 V

SC 20–35 **80**

➔ 110 V via Site Transformer

Entire SC range runs 110 V, every NFE walk-behind too. The Wolff is rated 115 V.

➔ No Supply?

The NFE 7700 runs on battery



ASBESTOS

Read this one.

Old floors hide asbestos. Pre-2000 vinyl tiles and the black bitumen glue under them are common carriers, and a scraper drives that straight into the air. Suspect floor: survey first, licensed removal if positive.

Not the whole job
A scraper takes the covering off and leaves a skim of old glue behind. If the floor is being sealed, resined or polished, it still needs a grinder, p.19, or a shot blaster, p.65, to strip the residue and cut a profile.

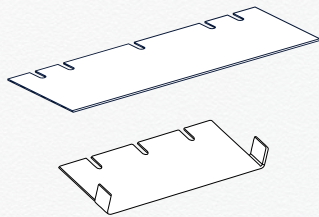
8–10 M/S²

Vibration

The walk-behind scrapers run 8 to 10 m/s². That is roughly two to three hours of trigger time inside the daily limit, not a full shift on one set of hands. Plan the rotation before the day, not during it.



A floor scraper drives a flat blade under the covering and removes its bond to the slab, peeling carpet, vinyl or tile up in strips. Weight behind the blade and the blade itself do the work: the heavier the machine and the sharper the edge, the more covering it lifts. The range runs from a 36 kg walk-behind to a 1.2 T ride-on.



WHAT IT DOES

Strips carpet, vinyl, lino, cork, felt, tile, any stuck-down covering, including glue residue and failed coatings. Light walk-behinds do small areas; the ride-on clears huge areas. Blade tip: the right blade for the covering beats brute force, and a blunt one just rides over the glue.

WHY IT'S USED

Strip-outs and refurb: clearing the old floor before the new one goes down. Pulling failed or dated carpet, vinyl and tile in retail and office fit-outs. Lifting stuck-down sheet and glue before a slab is ground and re-coated.

WHAT BLADE?

The blade is the tool. A flat blade lifts soft coverings; long blades reach under sheet vinyl and lino; u-profile blades bite into tile; a debris blade clears the spoil. Match it to the covering and keep it sharp; a blunt blade skids over the bond.

LIGHT

Small rooms and tight spots. Lifts carpet, vinyl, lino, cork and felt. The Von Arx SC 20.

MID

Bigger rooms, stuck-down vinyl and lino. More weight behind the blade. The SC 25.

HEAVY DUTY

Large floors fast: tile, sheet, felt. The SC 35 and the heavy NFE walk-behinds.

RIDE-ON

Huge floors of glue, tile and coatings. Battery powered, you ride it. The NFE 7700.



IT STRIPS, NOT PROFILES

A scraper takes the covering off; it does not prepare the concrete. Run it and you are left with a bare slab still carrying a skim of old adhesive or a ghost of the last coating, which a blade cannot lift cleanly. If the floor is going to be sealed, resined or polished, the slab still needs a grinder or shot blaster afterwards to strip the residue and cut a profile for the new system to grip. The scraper is the first machine in a re-floor, not the whole job.

ASBESTOS

Old floors hide asbestos. Pre-2000 vinyl tiles and the black bitumen glue under them are common asbestos-containing materials, and a scraper drives that straight into the air. Under the Exposure to Asbestos Regulations 2006-2025 (S.I. 386/2006, 589/2010, 632/2025) the floor must be surveyed before it is disturbed, and since end-2025 a permit is needed for work that could release the dust. Suspect floor: survey first, licensed removal if positive.

THE SUBSTRATE

The blade can wreck the slab as much as clear it. On hard concrete, weight and a steeper angle get under stubborn glue; on soft screed or anhydrite, reduce the angle, or the same bite gouges the surface into a levelling job. Set the angle and weights to shear the bond, not dig in.

① **Scraper blade:** Flat, long, wide, u-profile or debris, by covering.

① **Self-propelled:** The drive wheels pull the machine; you steer, not shove.

① **Mastic:** Stuck-down adhesive under old coverings; pre-2000, suspect asbestos.

① **Spoil:** waste/dug-out material

① **Anhydrite:** A screed type.



372 × 1008 × 885 mm

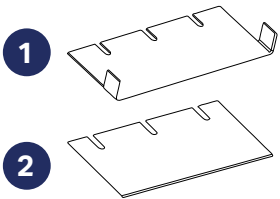


VON ARX SC 20

Light electric scraper for lifting carpet, vinyl, lino, cork and felt off concrete, screed or wood. For smaller rooms and tight spots.

DAY 1	€56
+1 DAY	€28
WEEK	€112

OPERATION	Walk-behind
WORKING WIDTH	200–230 mm
DISTANCE TO WALL	88 mm
MOTOR SPEED	2800 rpm
MOTOR	1.5 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
MOTOR PROTECTION SWITCH	• 25 A • 13.5 A
WEIGHT	35.9 kg
NOISE LEVEL	90.5 dB(A)
VIBRATION	9.76 m/s ²



Blades

The basic blade strips floor coverings, lifts carpet tiles and foam backed carpets, cork tiles and matting. We also stock an optional U-blade for removing felt, underlay, linoleum, vinyl, and matting.

1. U BLADE:	230 × 100 × 2 mm
2. BASIC BLADE	200 × 100 × 1.5 mm





VON ARX SC 25

Mid-size electric scraper for stripping carpet, vinyl, lino, cork and stuck-down tiles.

DAY 1 €100

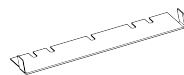
+1 DAY €50

WEEK €200

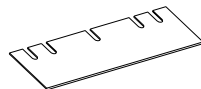


OPERATION	Self-propelled
WORKING WIDTH	200–270 mm
DISTANCE TO WALL	110 mm
MACHINE SPEED	10.6 m/min
MOTOR SPEED	2800 rpm
MOTOR	1.5 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
MOTOR PROTECTION SWITCH	• 25 A • 13.5 A
WEIGHT	155.0 kg
NOISE LEVEL	90.5 dB(A)
VIBRATION	8.8 m/s ²

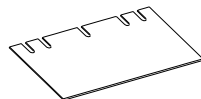
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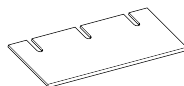
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3



4



Blades

Four SC 25 scraper blades. Basic, long, U-profile and debris. For carpet, cork, lino, vinyl, felt and hard-glued coverings.

1. U BLADE:	270 × 80 × 1.5 mm
2. BASIC BLADE	250 × 80 × 1.5 mm
3. LONG BLADE	250 × 130 × 1.5 mm
4. DEBRIS BLADE	200 × 80 × 2.5 mm



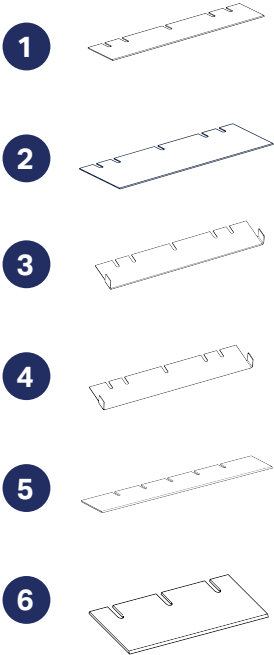
VON ARX
SC 35

Wide electric scraper
for clearing carpet,
vinyl, lino, tile and felt
fast over large floors.

DAY 1	€170
+1 DAY	€85
WEEK	€340



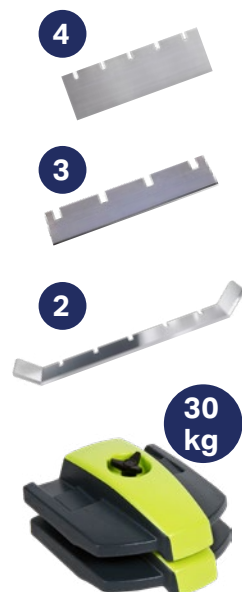
OPERATION	Self-propelled
WORKING WIDTH	350–370 mm
DISTANCE TO WALL	60 mm
MACHINE SPEED	12.2 m/min
MOTOR SPEED	2800 rpm
MOTOR	1.5 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
MOTOR PROTECTION SWITCH	• 32 A • 13.5 A
WEIGHT	234.0 kg
NOISE LEVEL	90.6 dB(A)
VIBRATION	8.1 m/s ²



Blades

Six blades for this
scraper. Basic, long,
wide, U-profile top
and bottom edge, and
debris. For carpet, cork,
lino, vinyl, felt and hard-
glued coverings.

1.	Basic Blade
2.	Long Blade
3.	U-Blade bottom edge
4.	U-blade top edge
5.	Wide Blade
6.	Debris Blade



WOLFF TURBO

Self-propelled stripper for tearing up any glued-down floor covering: carpet, vinyl, lino and tile. Walks itself along to save your back.

DAY 1 €170

+1 DAY €85

WEEK €340



OPERATION	Self-propelled
WORKING WIDTH	350 mm
MACHINE SPEED	3.5 m/min
MOTOR SPEED	5000 rpm
MOTOR	2.2 kW
VOLTAGE	115 V / 50 Hz
PLUG SIZE	32 A, 3 pin
TOTAL WEIGHT	140.0 kg
WEIGHT HOOD	40.0 kg
EXTRA WEIGHT	30.0 kg
NOISE LEVEL	92 dB(A)
VIBRATION	10 m/s ²

Removable Weight

Detachable 30 kg weight. Sits over the striking head for stripping bonded coverings, lifts off the chassis by hand for transport. Same part across the Turbo, BiTurbo and Extro line.

1. Removable 30 kg weight
2. Serrated blade 350 × 60 × 1.5 mm
3. Spare blade 210 × 60 × 1 mm
4. Layer Parquet Blade 350 × 120 × 1.5mm

690 × 430 × 990 mm



NFE 5280

The 5280 lifts glued-down carpet, vinyl, lino, sheet and rubber off the slab. Compact enough for strip-outs in tight rooms and doorways.

DAY 1	€150
+1 DAY	€75
WEEK	€300

OPERATION	Self-propelled
TRAVEL SPEED	3.1–12.7 m/min
MOTOR SPEED	1425 rpm
MOTOR	0.75 kW
VOLTAGE	110 V / 50 Hz
PLUG SIZE	32 A, 3 pin
AMPERAGE	13 A (full load)
WEIGHT (MACHINE)	80.3 kg
REMOVABLE WEIGHT	• 16.8 kg front • 22 kg saddle
WEIGHT (OPERATING)	119.0 kg
NOISE LEVEL	77 dB(A)
VIBRATION (x/y/z) AXIS	7.8 / 12.1 / 14.5 m/s ²



Accessories

The compact 5280 arrives set to go, with a blade fitted and with the wrench to swap it. The same two blade holders suit it when the work calls for a change.

1.	Rotating blade holder, keeps the blade flat to the floor for steady contact
2.	Razor blade holder, for fine lifting and detail work



1260 × 450 × 1190 mm



NFE 6280HD GLADIATOR

The Gladiator strips ceramic tile, adhesive, wood and sheet goods off the slab. Hard or soft, it gets the floor back down to bare.

DAY 1 €260

+1 DAY €130

WEEK €520



OPERATION	Self-propelled
TRAVEL SPEED MAX	7 m/min
MOTOR SPEED	1425 rpm
MOTOR	1.1 kW
VOLTAGE	110 V / 50 Hz
PLUG SIZE	32 A, 3 pin
AMPERAGE	13 A (full load)
WEIGHT (MACHINE)	167.4 kg
REMOVABLE WEIGHT	• 35.4 kg front • 19.5 kg side
WEIGHT (WORKING)	222.3 kg
NOISE LEVEL	77 dB(A)
VIBRATION (X/Y/Z) AXIS	3.2 / 5.1 / 5.0 m/s ²



Gladiator Kit

The Gladiator ships ready for hard and soft work. The kit packs a blade for each job, from a self-scoring edge for ceramic and tile adhesive to a carbide shank for the bonds that hold, so the floor comes up whatever it is.

1. 90° blade, bevel down
2. 45° self-scoring blade, bevel up
3. 75 × 150 mm premium blade
4. Angle shank with carbide tip
5. 30° angle attachment
6. Retainer cap assembly
7. Blade holder

Battery Powered



NFE 7700

Battery ride-on scraper for stripping huge floors of tile, vinyl, glue and failed coatings. You sit and drive while it does the hard graft.

DAY 1	€830
+1 DAY	€415
WEEK	€1660

OPERATION	Ride-on
TRAVEL SPEED MAX	61.0 m/min
POWER SUPPLY	Battery 2.98 kW
CHARGER INPUT	230 V
PLUG SIZE (CHARGER)	• 16 A, 3 pin • 13 A, 3 pin
FREQUENCY	50 Hz
WEIGHT (MACHINE)	1156 kg
REMOVABLE WEIGHT	83.9 kg front
WEIGHT (WORKING)	1261 kg
NOISE LEVEL	94–97 dB(A)



Accessories

- 6277-BU: 45° self-scoring blade, 76 × 305 mm, bevel up
- 75 × 305 mm heavy-duty blade
- 305 mm blade holder
- 50 × 152 mm angle shank with carbide tip



Battery Powered



ELECTRIC FLOOR SCRAPER

Battery ride-on scraper. Stripping huge floors of tile, vinyl, glue and failed coatings. You sit and drive while it does the hard graft.

DAY 1 **€830**

+1 DAY **€415**

WEEK **€1660**



OPERATION	Ride-on
TRAVEL SPEED MAX	0–133.3 m/min
DRIVE MOTOR	Synchronous Motor, 6 kW
CHARGER INPUT	100–240 V
CHARGER OUTPUT	525 A
RECHARGE	8 h
WEIGHT	1000 kg (unladen)
STEERING ANGLE	90°
BUZZER (ADJUSTABLE)	60–80 dB(A)
NOISE LEVEL	65 dB(A)



Accessories

1. 45° self-scoring blade, 76 × 305 mm, bevel up
2. 75 × 305 mm heavy-duty blade
3. 305 mm blade holder
4. 50 × 152 mm angle shank with carbide tip

we also have...

NEEDLE SCALERS

VON ARX needle scalers are in stock at Concrete Care, available to hire or buy. They strip rust, scale, weld slag and old coatings off steel and concrete without the dust of a scabbler, and the needle bundle re-shapes to whatever profile the surface throws at you. To check rates or current availability, ring +353 1 88 99 000.





02

the

DUST EXTRACTION

DUST EXTRACTION	90
M-class	96
Wet and dry	102
H-class HEPA	107
Industrial & separators	110

WHAT VACUUM?

Three questions: the dust, the tool it feeds, and the power on site.
The dust class is set by law, so start there.

WHAT'S THE DUST?

- ➔ **Dry concrete and silica dust**
M-class, the legal minimum and most of the range. **M-CLASS 96**
- ➔ **Old, possibly asbestos-bearing coatings**
H-class only. The Von Arx S2, S3 and T6
All HEPA H13 with sealed Longopac bagging. **H-CLASS HEPA 107**
- ➔ **Slurry, water, wet grinding run-off**
The M-class wet and dry units **MTL 501 WD, MTL 802 WD 102**

WHAT'S FEEDING IT?

- ➔ **A hand-held or edge tool**
The plug-in M-class units start and stop with the tool **ASR 35 p.96 , MTL 301 p.97**
- ➔ **A full-size or planetary grinder**
Bag collection and the airflow to match the bigger shroud. **MTL 202 DS p.99**
- ➔ **A scarifier**
The Von Arx HEPA units pair: **S2 to VA 10 L / FR 200. S3 to VA 25 s, T6 to VA 30 s.**
- ➔ **A shaver**
Pair a wet and dry unit for the slurry. **WET AND DRY p.102**
- ➔ **A shot blaster**
it carries its own matched Dustcom collector, no separate vac. **DUSTCOM p.72**
- ➔ **High volume dust and spoil, round-the-clock** **DG50 p.105, T6 p.109**

WHAT'S ON SITE?

➔ Single Phase 110 V / 230 V

Every unit except the three-phase.

➔ Three Phase

M-class DG 50 EXP and the H-class Von Arx T6 Industrial, H-class HEPA



M/H-CLASS

An M-class vac is the legal minimum on dry concrete, H-class over old, possibly asbestos-bearing coatings. It goes on the hire order with the machine, every time.



A pre-separator takes the bulk and saves the filter on long runs: the Delfin dlf-0019, D160 or D360 LP. Fits any vac in the catalogue. p.110



CLEANER AIR

Clearing the air, not the tool? The Ermator A2000 HEPA air scrubber pulls the fines a tool misses, for enclosures and asbestos-suspect rooms. p.111

SILICA DUST

Cutting, grinding or scarifying concrete releases respirable crystalline silica, and the law caps what a crew can breathe over a shift. The controls are not optional extras: extraction matched to the dust class, m-class on dry concrete, h-class where old coatings may carry asbestos. Every machine in this catalogue is maintained to current Irish and EU standards, and the vacuum goes on the hire order with the machine, every time.



Minimum protection when controls cannot fully clear the air: a fit-tested FFP3 mask or powered respirator.

Concrete Care stocks the **Oxyline X 310 SV** FFP3 reusable respirator and the full FFP3 range. Ask us for the right grade. Filtering Facepiece 3 (FFP3) is the highest classification of disposable respirator mask defined by European standards.

KNOW THE RISK

0.1

mg/m³

maximum 8-hour average exposure. The binding limit in Irish law (S.I. 122 of 2024).

What the dust does

Respirable crystalline silica is a Group 1 carcinogen. Breathed in, the finest particles scar the lungs permanently. It causes silicosis, an incurable disease that typically develops in 10 to 20 years, faster under heavy exposure, alongside lung cancer and COPD. There is no treatment and no recovery.

What the law requires

- 01 Stop the dust at source. Capture it with on-tool extraction or suppress it with water before it reaches the air.
- 02 Extract what remains. Pair the tool with an M or H-class vacuum rated for fine dust, not a builder's wet-and-dry.
- 03 Protect the worker. Where dust cannot be fully controlled, fit-tested respiratory protection is the last line, not the first.

559 × 407 × 548 mm



METABO ASR 35 M ACP

M-class wet and dry vacuum for concrete and rock dust. Plug in your tool to auto start and stop and it shakes its own filter clean.

DAY 1	€40
+1 DAY	€20
WEEK	€80



FILTER CLASS	M
WET / DRY	Dry, M-class (as supplied)
AIRFLOW	263 m³/h
SUCTION	27 kPa
FILTER AREA	8,600 cm²
CAPACITY	35 L
HOSE / CABLE LENGTH	• 4 m • 8 m
INLET	Ø 35 mm
MOTOR	1.4 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
WEIGHT	16.0 kg
NOISE LEVEL	69 dB(A)



Filters & Bags

Metabo spares pack for the ASR 35 M ACP. 5 fleece filter bags, 5 PE disposal bags 35/50 L and 2 replacement M-class filter cartridges.

1.	5 Fleece filter bags
2.	Filter cartridges
3.	PE disposal bags

460 × 480 × 850 mm



DELFIN MTL 301 DUST

Compact M-class dust vacuum for fine concrete and silica dust. Plug in your power tool so it starts and stops with the machine.

DAY 1 €40

+1 DAY €20

WEEK €80



FILTER CLASS	M PTFE
WET / DRY	Dry
AIRFLOW	180 m³/h
SUCTION	24.5 kPa
FILTER AREA	6,000 cm²
CAPACITY	13 L
CLEANING	Dustop
INLET	Ø 50 mm
MOTOR	1.15 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
WEIGHT	25.0 kg
NOISE LEVEL	74 dB(A)

Delfin Accessory Kit

Standard Ø40 mm accessory kit. Floor wand, PVC and flat brushes, hose and crevice nozzle for general dust pick-up.

1. Chromed Floor Wand
2. Evaflex Vacuum Hose
3. Steel Vacuum Hose Connection
4. PVC Floor Brush / Floor Tool - Dry
5. Round PVC Brush
6. Aluminium Flat Nozzle



DELFIN MTL 202 DS LP

M-class dust vacuum with cyclone and end-less-bag collection for clean, hands-off emptying. Built for steady concrete dust on site.

DAY 1	€60
+1 DAY	€30
WEEK	€120



FILTER CLASS	M PTFE
WET / DRY	Dry
AIRFLOW	360 m³/h
SUCTION	24.52 kPa
FILTER AREA	30,000 cm²
CAPACITY	Endless Bag
CLEANING	Dustop
INLET	Ø 50 mm
MOTOR	2.0 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
WEIGHT	55.0 kg
NOISE LEVEL	76 dB(A)

Delfin Accessory Kit

Standard Ø40 mm accessory kit. Floor wand, PVC and flat brushes, hose and crevice nozzle for general dust pick-up.

1.	Chromed Floor Wand
2.	Evaflex Vacuum Hose
3.	Steel Vacuum Hose Connection
4.	PVC Floor Brush / Floor Tool - Dry
5.	Round PVC Brush
6.	Aluminium Flat Nozzle

590 × 480 × 1100 mm



DELFIN MTL 202 DS

The 110 V site version of the MTL 202. M-class concrete dust pickup with end-less-bag collection for tidy, dust-free emptying.

DAY 1 €60

+1 DAY €30

WEEK €120



FILTER CLASS M PTFE

WET / DRY Dry

AIRFLOW 360 m³/h

SUCTION 24.52 kPa

FILTER AREA 30,000 cm²

CAPACITY 20 L

CLEANING Dustop

INLET Ø 50 mm

MOTOR 2.3 kW

VOLTAGE

- 110 V
- 230 V

PLUG SIZE

- 16 A, 3 pin
- 13 A, 3 pin

WEIGHT 35.0 kg

NOISE LEVEL 76 dB(A)

Delfin Accessory Kit

Standard Ø40 mm accessory kit. Floor wand, PVC and flat brushes, hose and crevice nozzle for general dust pick-up.

1. Chromed Floor Wand
2. Evaflex Vacuum Hose
3. Steel Vacuum Hose Connection
4. PVC Floor Brush / Floor Tool - Dry
5. Round PVC Brush
6. Aluminium Flat Nozzle

580 × 630 × 1250 mm



DELFIN MTL 452 DS

Industrial M-class vacuum for general dust and debris on bigger jobs. Powered by two single phase motors.

DAY 1	€60
+1 DAY	€30
WEEK	€120



FILTER CLASS	M
WET / DRY	Dry
AIRFLOW	360 m³/h
SUCTION	24.52 kPa
FILTER AREA	20,000 cm²
CAPACITY	45 L
CLEANING	Manual
INLET	Ø 80 mm
MOTOR	2.3 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
WEIGHT	48.0 kg
NOISE LEVEL	76 dB(A)



Delfin Accessory Kit

Standard Ø50 mm accessory kit. Evaflex vacuum hose, steel reducer, round PVC brush and aluminium flat nozzle for site dust pick-up.

1.	Evaflex Vacuum Hose
2.	Round PVC Brush
3.	Steel Vacuum Hose Connection/Reducer
4.	Aluminium Flat Nozzle

670 × 660 × 1340 mm



DELFIN DM3 EL

Large-capacity
M-class vacuum for
heavy dust and rubble
clearance on industrial
sites.

DAY 1 **€74**+1 DAY **€37**WEEK **€148**

FILTER CLASS	M
WET / DRY	Dry
AIRFLOW	540 m³/h
SUCTION	24.52 kPa
FILTER AREA	30,000 cm²
CAPACITY	60 L
COLLECTION	Drum
INLET	Ø 80 mm
MOTOR	3.45 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
WEIGHT	77.0 kg
NOISE LEVEL	76 dB(A)

Delfin Accessory Kit

Standard Ø50 mm
accessory kit. Evaflex
vacuum hose, steel
reducer, round PVC
brush and aluminium
flat nozzle for site dust
pick-up.

1. Evaflex Vacuum Hose
2. Round PVC Brush
3. Steel Vacuum Hose Connection/Reducer
4. Aluminium Flat Nozzle

520 × 400 × 900 mm



**DELFIN
MTL 501 WD**

Wet and dry vacuum for slurry, water and dust alike. Handles grinding run-off, wash down and general muck. Used either wet or dry, not both at the same time.

DAY 1	€44
+1 DAY	€22
WEEK	€88

FILTER CLASS	M
WET / DRY	Wet and Dry
AIRFLOW	180 m³/h
SUCTION	24.52 kPa
FILTER AREA	8,000 cm²
CAPACITY	50 L
COLLECTION	Drum
INLET	Ø 50 mm
MOTOR	1.15 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
WEIGHT	28.0 kg
NOISE LEVEL	74 dB(A)

**Delfin Accessory
Kit**

Wet and dry kit. Evaflex hose, steel hose connection, chromed floor wand, round PVC brush, PVC floor brush and PVC wet/dry squeegee.

1.	Evaflex Vacuum Hose
2.	Steel Vacuum Hose Connection
3.	Chromed Floor Wand
4.	Round PVC Brush
5.	PVC Floor Brush / Floor Tool - Dry
6.	PVC Floor Squeegee Wet and Dry



530 × 590 × 1060 mm



DELFIN MTL 802 WD

Medium wet and dry vacuum for big slurry and water clean-ups. Lifts heavy slurry or fine dust. Used either wet or dry, not both at the same time.

DAY 1 €44

+1 DAY €22

WEEK €88



FILTER CLASS	M
WET / DRY	Wet and Dry
AIRFLOW	360 m ³ /h
SUCTION	24.52 kPa
FILTER AREA	5,000 cm ²
CAPACITY	80 L
COLLECTION	Drum
INLET	Ø 80 mm
MOTOR	2.3 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
WEIGHT	40.0 kg
NOISE LEVEL	76 dB(A)

Delfin Accessory Kit

Wet and dry kit. Evaflex hose, steel hose connection, chromed floor wand, round PVC brush, PVC floor brush and wet/dry squeegee.

1. Evaflex Vacuum Hose
2. Steel Vacuum Hose Connection
3. Chromed Floor Wand
4. Round PVC Brush
5. PVC Floor Brush / Floor Tool - Dry
6. PVC Floor Squeegee Wet and Dry

WET / DRY

680 × 630 × 1050 mm



**DELFIN
DM 40**

Wet and dry vacuum for slurry, water and dust alike. Handles grinding run-off, wash down and general muck. Used either wet or dry, not both at the same time.

DAY 1	€60
+1 DAY	€30
WEEK	€120

FILTER CLASS	M
WET / DRY	Wet and Dry
AIRFLOW	540 m³/h
SUCTION	24.52 kPa
FILTER AREA	8,000 cm²
CAPACITY	120 L
COLLECTION	Drum
INLET	Ø 80 mm
MOTOR	3.45 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 16 A, 3 pin
WEIGHT	50.0 kg
NOISE LEVEL	76 dB(A)

**Delfin Accessory
Kit**

Wet and dry kit. Evaflex hose, steel hose connection, chromed floor wand, round PVC brush, PVC floor brush and PVC wet/dry squeegee.

1.	Evaflex Vacuum Hose
2.	Steel Vacuum Hose Connection
3.	Chromed Floor Wand
4.	Round PVC Brush
5.	PVC Floor Brush / Floor Tool - Dry
6.	PVC Floor Squeegee Wet and Dry



660 × 1180 × 1450 mm



DELFIN DG 50 EXP

Heavy three phase industrial vacuum for high-volume dust and material. Roll-out 100 L bin for easy dumping. Built for round-the-clock duty.

DAY 1 €140

+1 DAY €70

WEEK €280



FILTER CLASS	M
WET / DRY	Dry
AIRFLOW	320 m³/h
SUCTION	50.0 kPa
FILTER AREA	30,000 cm²
CAPACITY	100 L
COLLECTION	Drum
INLET	Ø 80 mm
MOTOR	4.3 kW
VOLTAGE	400 V
PLUG SIZE	32 A, 5 pin
WEIGHT	145.0 kg
NOISE LEVEL	73 dB(A)

+353 1 88 99 000

Ring us, we're ready to help.

786 × 547 × 1272 mm



VON ARX S2

Two-motor HEPA extractor built to pair with the VA 10 L and FR 200. Catches fine concrete dust at source and bags it clean with Longopac.

DAY 1 €74

+1 DAY €37

WEEK €148



FILTER CLASS	H13
WET / DRY	Dry
AIRFLOW	400 m³/h
SUCTION	22 kPa
FILTER AREA	30,000 cm²
COLLECTION	Longopac
INLET	Ø 50 mm
MOTOR	2 × 1.2 kW
VOLTAGE	110 V
AMPERAGE	11.8 A
PLUG SIZE	32 A, 3 pin
WEIGHT	52.0 kg

935 × 547 × 1537 mm



VON ARX S3

Three-motor HEPA H13 extractor, built to run with the VA 25 S scarifier. Catches the fine silica dust at source and bags it clean with Longopac.

DAY 1	€100
+1 DAY	€50
WEEK	€200

FILTER CLASS	H13
WET / DRY	Dry
AIRFLOW	484.22 m³/h
SUCTION	22 kPa
FILTER AREA	36,000 cm²
COLLECTION	Longopac
INLET	Ø 50 mm
MOTOR	3 × 0.7 kW
VOLTAGE	110 V, 50 Hz
AMPERAGE	16 A
PLUG SIZE	32 A, 3 pin
WEIGHT	75.0 kg



700 × 1365 × 1220 mm



VON ARX T6

Heavy three phase HEPA extractor built to pair with the VA 30 S scarifier. Pulls fine concrete dust off big jobs into a clean Longopac sack.

DAY 1 **€230**

+1 DAY **€115**

WEEK **€460**



FILTER CLASS	H13
WET / DRY	Dry
AIRFLOW	630 m ³ /h
SUCTION	27 kPa
FILTER AREA	60,000 cm ²
CAPACITY	20 L
COLLECTION	Longopac
INLET	Ø 50 mm
MOTOR	6.0 kW
VOLTAGE	400 V, 3 P
PLUG SIZE	32 A, 5 pin
WEIGHT	210.0 kg



**DELFIN
D160**

Ø 50 mm inlet, 60 L capacity. Ø 400 mm cyclone chamber. Compatible with all vacs in this catalogue.

DAY 1	€24
+1 DAY	€12
WEEK	€48



**DELFIN
D360 LP**

Fits all dust extractors in the range. 20 m end-less-bag system, Ø 50 mm inlet, Ø 360 mm cyclone chamber.

DAY 1	€40
+1 DAY	€20
WEEK	€80



**DELFIN
DLF-0019**

Fits all vacs in catalogue. Ø 80 mm inlet, 100 L capacity, Longopac collection, and weighs only 68 kg.

DAY 1	€50
+1 DAY	€25
WEEK	€100



400 × 710 × 810 mm



ERMATOR A2000

Thin, lightweight air filter with a unique motor impeller and a wider HEPA filter.

DAY 1 €74

+1 DAY €37

WEEK €148



VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
MOTOR POWER	0.6 kW
AIRFLOW	2000 m³/h
IND. LAMP	Yes
FILTER SURFACE	Polyester
HEPA FILTER	H13
SOUND LEVEL	68 dB(A)
WEIGHT	39 kg

03

the

SURFACE FINISHING & MAINTENANCE

SURFACE FINISHING

112

Burnishers

117

Hand-held

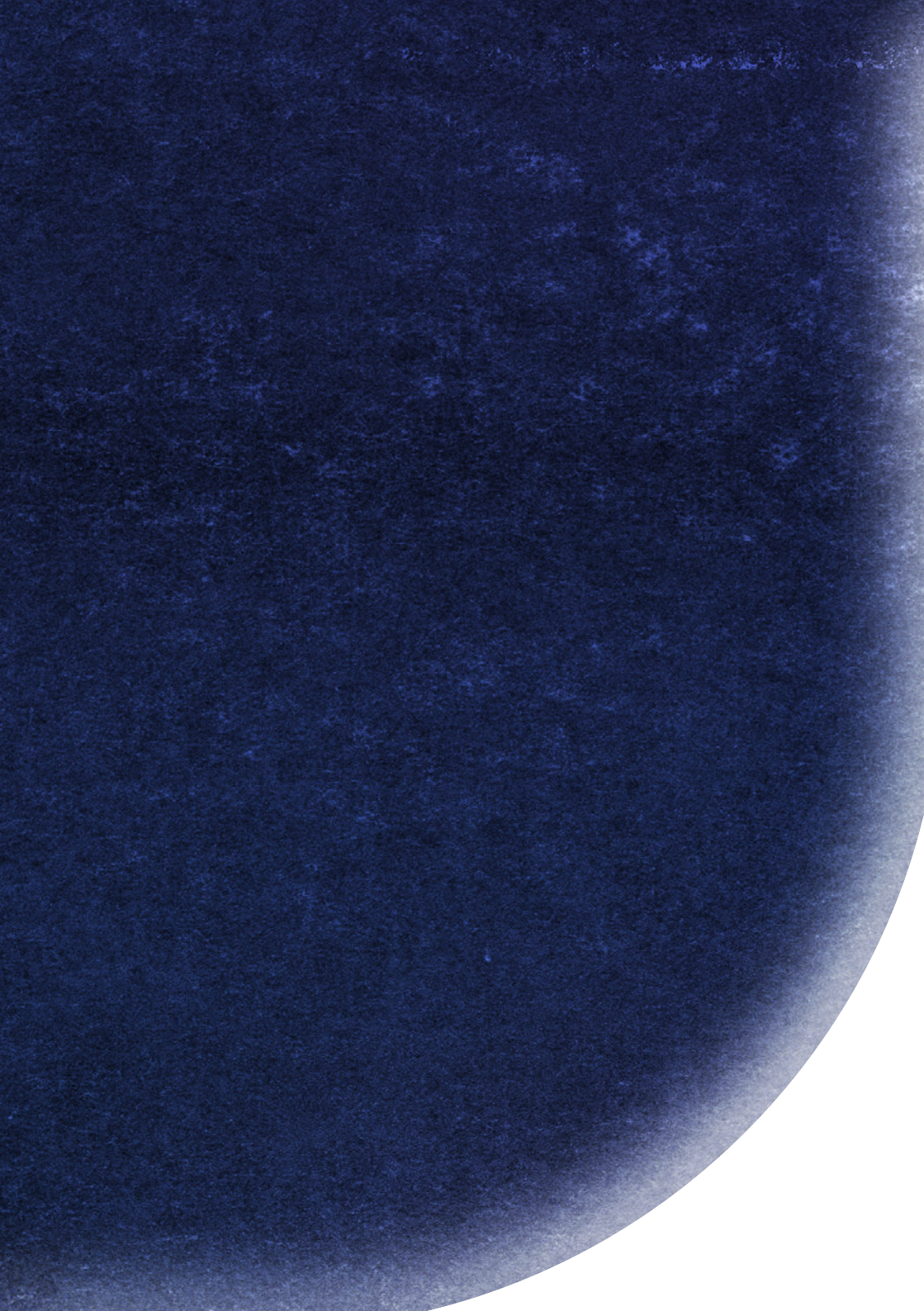
123

Buffers

129

Scrubber

136



SUPERABRASIVE PAD_{GUIDE}

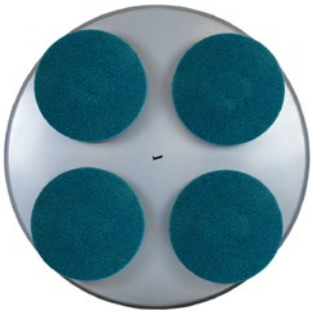
The pads that clean, strip and shine a finished floor. What each range does, and how to read the grit by what the floor needs.

ONE LADDER

Every pad here sits on the same scale, 220 to 8000. Low numbers cut: stripping dirt, old polish and scuffs. High numbers shine. The floor's condition sets where you start; the finish you want sets where you stop.

WHY IT WORKS

Each pad carries industrial diamond in the fibre, so the pad does the cutting and water does the carrying. No chemicals, no residue to rinse: the same pass cleans the floor and refines it. Swap pads up the ladder and a scrubbing routine becomes a polishing one.



TWO SPEEDS, SAME PADS

Slow machines clean. On the scrubber-dryer or a single disc, run the pads wet: deep cleans at 400 and 800, upkeep at 3500. Fast machines shine. On a burnisher, run 800 up with the pads just damp; the speed sets the gloss. One rack of pads serves both.

THE TWO MISTAKES

Dry pads on a burnisher glaze and dust: mist them. A pad maintains a floor; it will not fix one. Real cutting is grinder work, p.19.

THE LADDER



8000 · silver

The daily burnish. Top gloss, holds it there.



3500 · green

Daily upkeep that lifts gloss as it cleans.



1800 · yellow

The step from satin to gloss.



800 · white

Deep clean; the first gloss pass.



400 · red

Very deep clean, surface prep.



220 · brown

The strip. Bottom of the ladder, HD only.

THE RANGES



→ Regular, 400–8000

The ladder itself. Five grits, colour-coded, for every hard and resilient floor: concrete, terrazzo, stone, epoxy, vinyl.



→ High Performance, 800–3500

Double the diamond load on the face. Cleans and lifts gloss in the same daily pass and lasts up to 60,000 m² (maker's figure); the 3500 is the one-pad answer for high-traffic floors.



→ Heavy Duty, 220 / 400

The tough build for stripping and prep where the floor fights back: old polish, sealer, ground-in dirt.



→ Hybrids, 50–8000.

Velcro-backed 127 mm pucks on a resin-metal hybrid bond, spaced around a plain maintenance pad. The low grits, 50 to 400, are the restoration step: light grinding and honing that takes scratches, stains and orange peel out of concrete, terrazzo and stone on a scrubber, run wet with 40 kg or more on the deck. From 800 up they polish. On soft concrete, densify after the 50 or 100 pass; UltraLit.

PICK BY THE FLOOR

Scratched, stained or orange-peeled: the Hybrids, 50 up, then climb. Dirty or coated in old polish: HD 220 or 400. Clean but flat and dull: 800, then 1800, then 3500. Good floor you want to keep: 3500 or 8000 on the regular scrub round. High-traffic floor: the HP pad, one pad, every day.

WHICH MACHINE?

430 mm pads fit the HP-17, the STR 701L and the XY-78K. 508 mm fits the high-speed burnisher. 230 and 255 mm serve the small single discs. The GW-55A scrubber-dryer runs the maintenance grits on its daily round, water down, drying behind itself. Grit on the label, colour on the face.

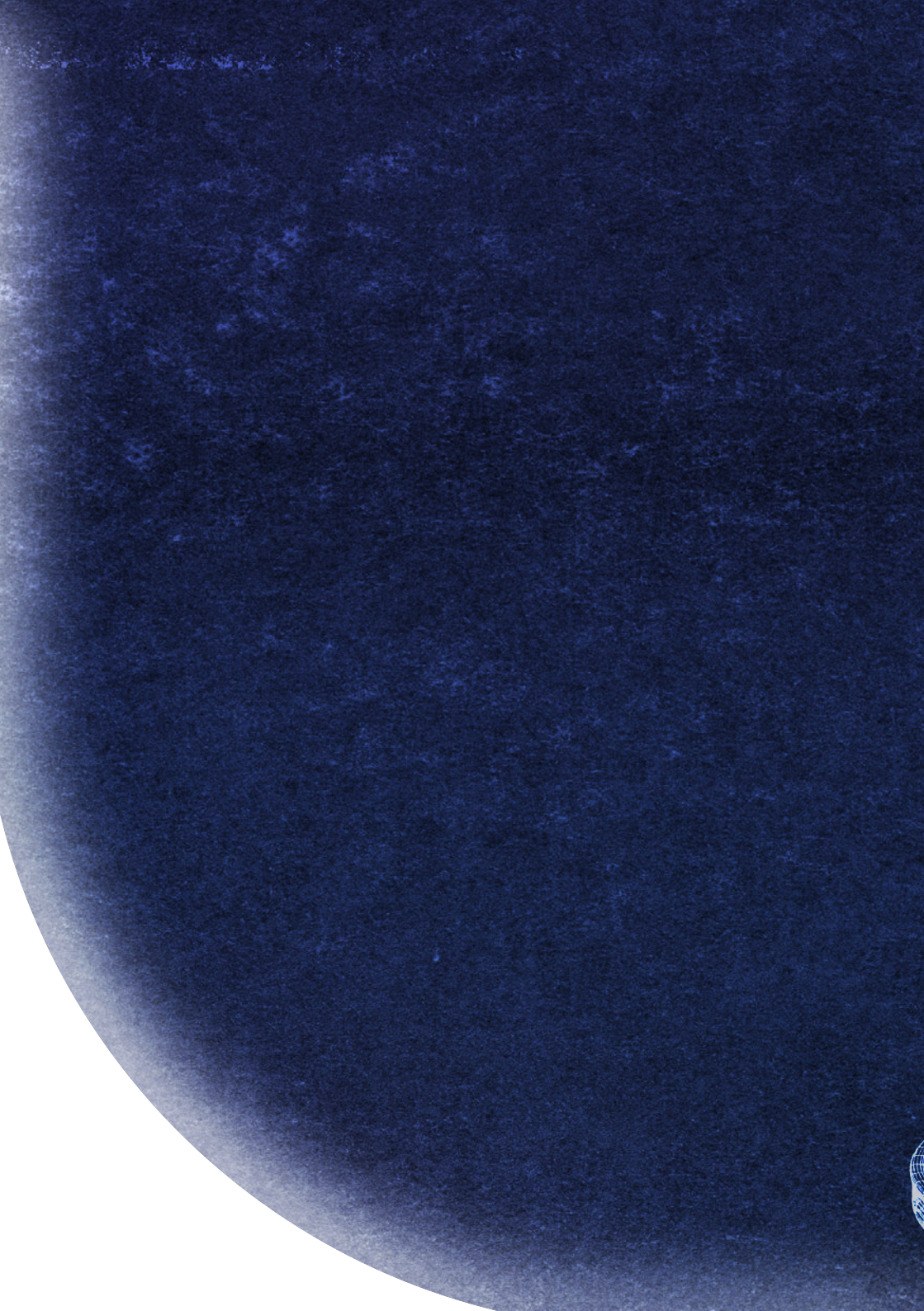
BURNISHERS p.117

BUFFERS p.129

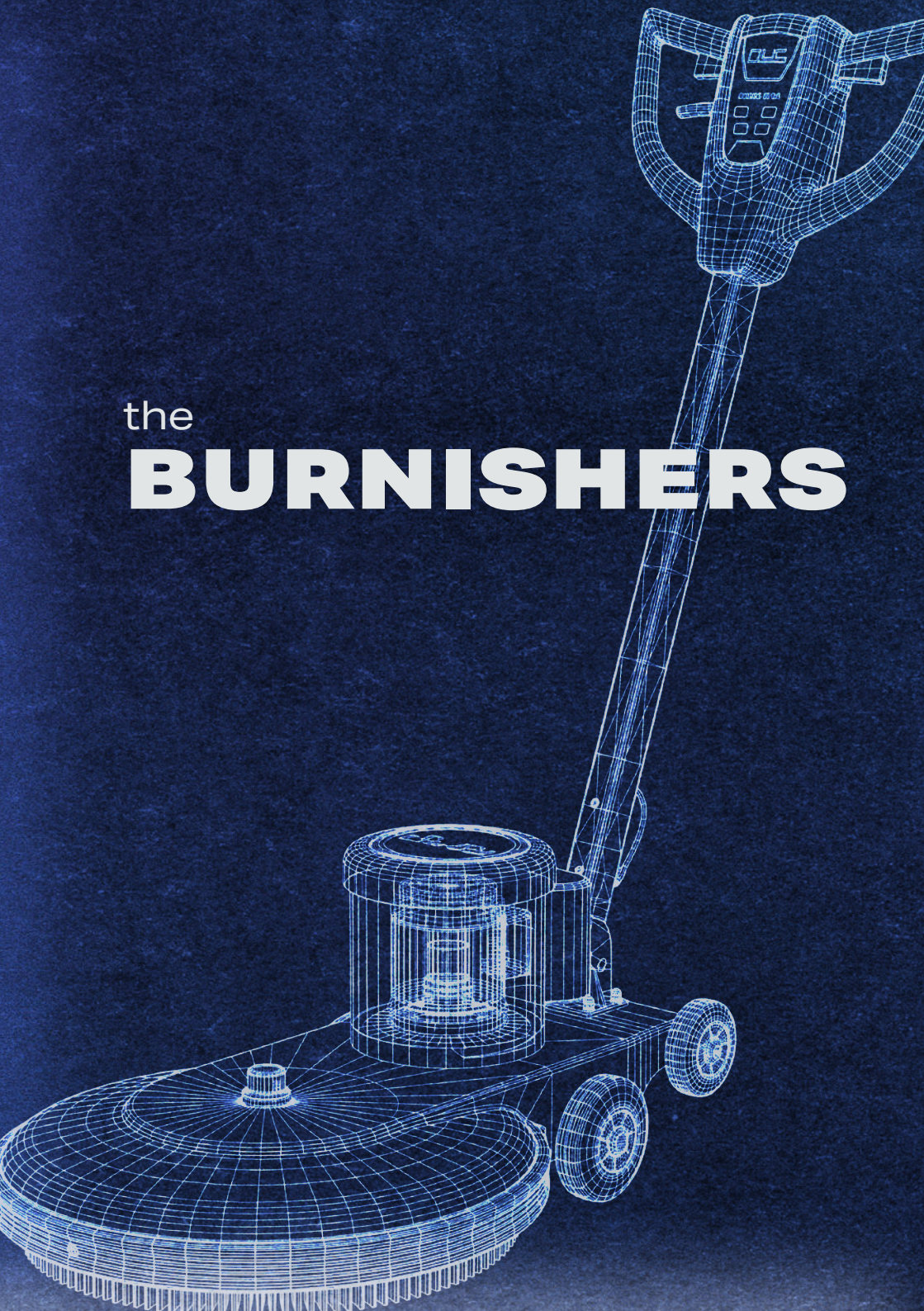
SCRUBBER-DRYER p.136

NEED A REAL GRIND? GRINDERS p.019





the
BURNISHERS



The mirror-gloss concrete floor is younger than it looks. Modern polishing came out of Sweden in the early 1990s, when HTC built the first modern concrete polishing machines. Burnishing is the last step in that method: a high-speed machine that works the sealer in and lifts the floor to a shine.

WHAT IT DOES

A burnisher finishes and maintains a polished floor. After the resin pads have polished the slab, it works out the fine haze they leave and brings the surface up to a high gloss. When a sealer goes on, the burnisher's pads heat the surface and bond the sealer into it. The same machine holds that gloss later, run over the floor as routine maintenance.

**FINISH,
NOT A FIX.**

A finishing machine refines a floor that is already flat and clean; it does not fix one that is not. If the slab is coated, rough or uneven, that is grinding and prep, and it comes first.

WHY IT'S USED

A burnisher does the finishing a grinder cannot. It clears the fine haze a resin polish leaves and lifts the slab to a high gloss. It also works the sealer in: the sealer hardens the concrete on its own, but the heat from the burnisher's pads bonds its polymer into the surface, and that is what builds the gloss and the stain- and wear-resistant layer. Its third job is upkeep. A regular burnish holds the high gloss over the life of the floor, without going back to the grinder.

WHAT SEALER?

Both sealers harden the floor and burnish up to a high gloss, with no wax or coating on top. Use Gloss Plus on most polished concrete: shops, offices, showrooms wanting a hard, stain-resistant shine. Choose Gloss Shield where the floor takes punishment, warehouses, forklift routes, food areas. Its nano-particle polymer and 25 % solids hold the gloss and resist stains longer.



SPRAY

Spray a thin, even coat with a low-pressure sprayer.

**MOP**

Spread it out with a micro-fibre pad so the slab takes it up evenly.

**FLASH OFF**

Let the standing wet flash off until the surface is no longer wet. There is no set drying time; burnish as soon as it has gone off.

**BURNISH**

Run the high-speed burnisher over the floor with non-diamond pads. The pads heat the surface to about 32 °C, bond the sealer in and bring up the gloss. Burnish every coat, up to three.

① **Burnisher:** High-speed pad machine that lifts gloss; not a grinder.

① **Densifier:** Liquid hardener that lets concrete take and hold a shine.

① **Slurry:** The wet waste a water-fed pad lifts off stone or concrete.

① **Sealer:** Liquid that hardens the surface and resists stains; breathable, not a film.

① **Flash off:** Wet surface evaporates to touch-dry, no cure.

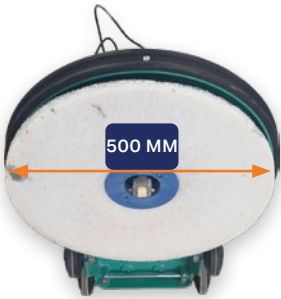


1000 × 560 × 1200 mm



1500 RPM
BURNISHER

Single disc burnisher for concrete and stone floors. Light and handy for smaller rooms, edges and tighter sites.



DAY 1	€32
+1 DAY	€16
WEEK	€64

WORKING WIDTH	500 mm
SPEED	1500 rpm
MOTOR	1.8 kW
VOLTAGE	230 V, 50 Hz
PLUG SIZE	13 A, 3 pin
PHASE	1
DISC PAD	500 mm
WEIGHT	50 kg



970 × 500 × 1500 mm



HIGH TECH GRINDING HP-17

Variable-speed bur-nisher for burnishing large concrete floors. Runs slow for pad work or fast for a high-speed shine.

DAY 1 €70

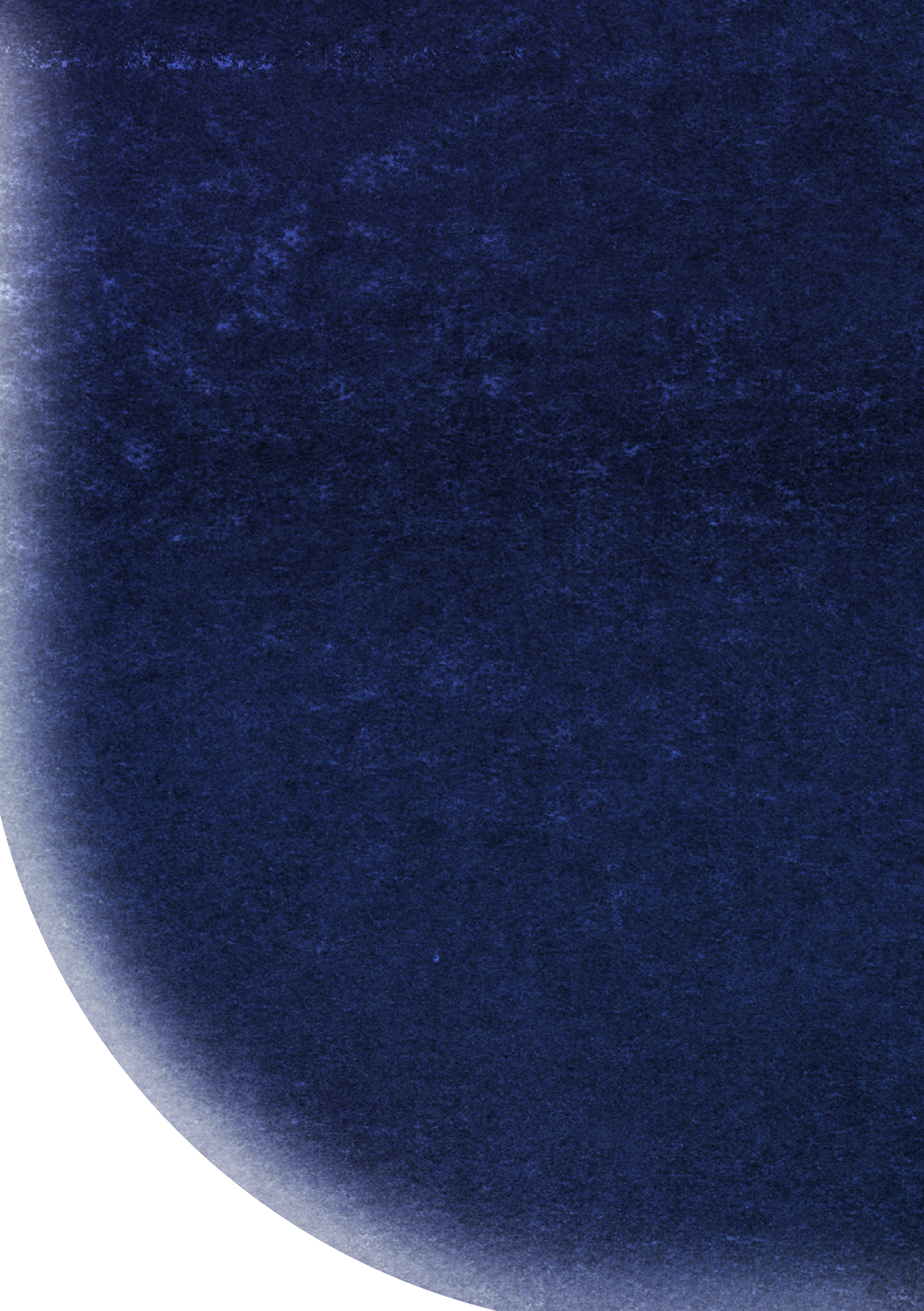
+1 DAY €35

WEEK €140

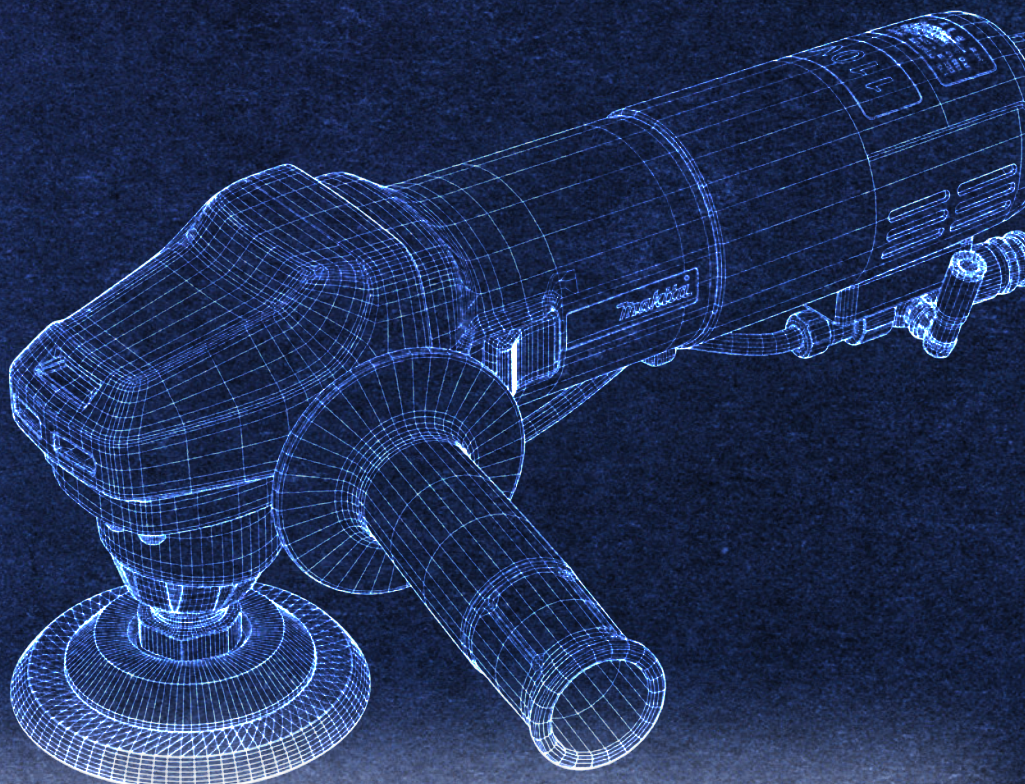


WORKING WIDTH	430 mm
SPEED	350–1500 rpm
MOTOR	4.0 kW
INVERTER	• 7.5 kW
VOLTAGE	• 220–240 V • 380–460 V
PLUG SIZE	• 16 A, 3 pin • 32 A, 5 pin
PHASE	• 1 • 3
CONFIG	Delta Inverter
WEIGHT	125.0 kg





the
**HANDHELD
POLISHERS**



HANDHELD POLISHER PADS

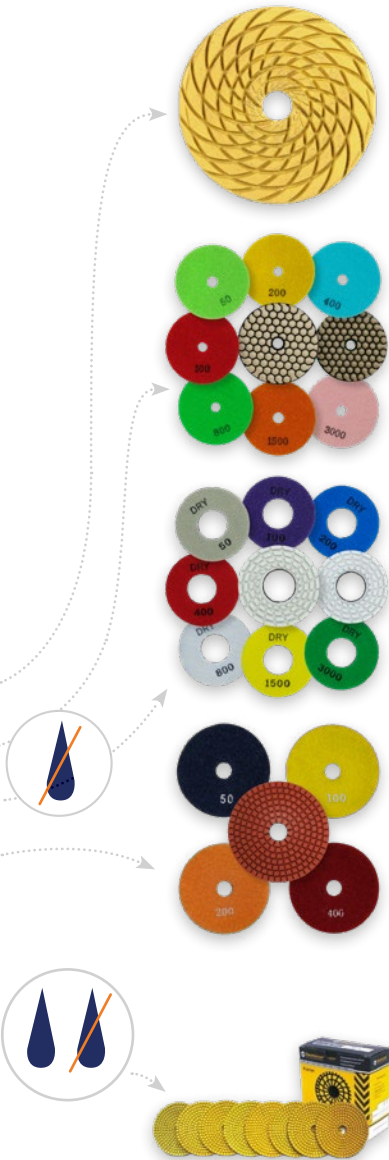
The pads that clean and shine a finished surface.

PAD	GRIT	Ø MM
CoolPAD	steps 0–4	100
Concrete Stone	50, 100, 200, 400, 800, 1500, 3000	100, 125
Flex Diamond Resin	50, 100, 200, 400, 800, 1500, 3000	100
Convex	50, 100, 200, 400	100

➔ All dry · velcro, M14 fit

PAD	GRIT	Ø MM
Diamond Polishing Pad Standard	30, 60, 120, 220, 400, 800, 1500, 3000	100

➔ Wet and Dry · velcro, M14 fit







**HAND-HELD
POLISHERS
(DRY)**

DAY 1	€22
+1 DAY	€11
WEEK	€44

Honing, buffing, polishing and sanding into tight spots.

VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
BRANDS	Bosch and Makita



**HAND-HELD
POLISHER
(WET)**



VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 16 A, 3 pin • 13 A, 3 pin
MOTOR POWER	• 0.9 kW
SOUND PRESSURE	85 dB(A)

Three water supply holes evenly feed water to every channel of the polishing pad.

DAY 1	€22
+1 DAY	€11
WEEK	€44



HYPERGRINDER CT 330 VS

Handheld orbital sander and polisher for marble, concrete, stone, parquet and porcelain. Polishing, waxing and fine sanding into tight spots.

WEEK

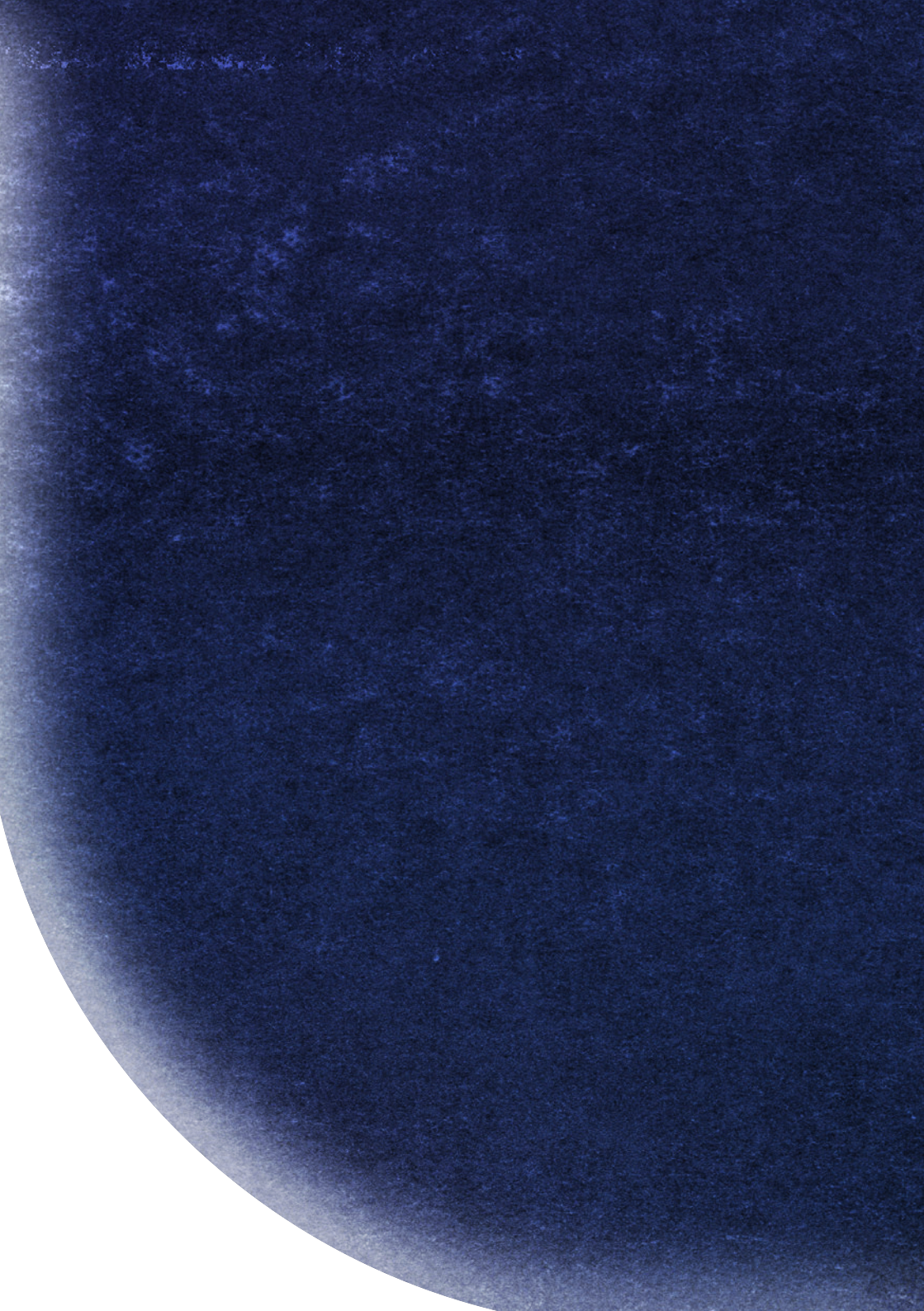
€200



DISC CONFIG	3 × 140 mm planetary, counter-rotating
FREQUENCY	50/60 Hz
MOTOR	0.77 kW
SPEED MIN	330 rpm
SPEED MAX	770 rpm
TANK	2.0 L
VOLTAGE	110 V
WEIGHT	27.0 kg
WORKING WIDTH	330 mm

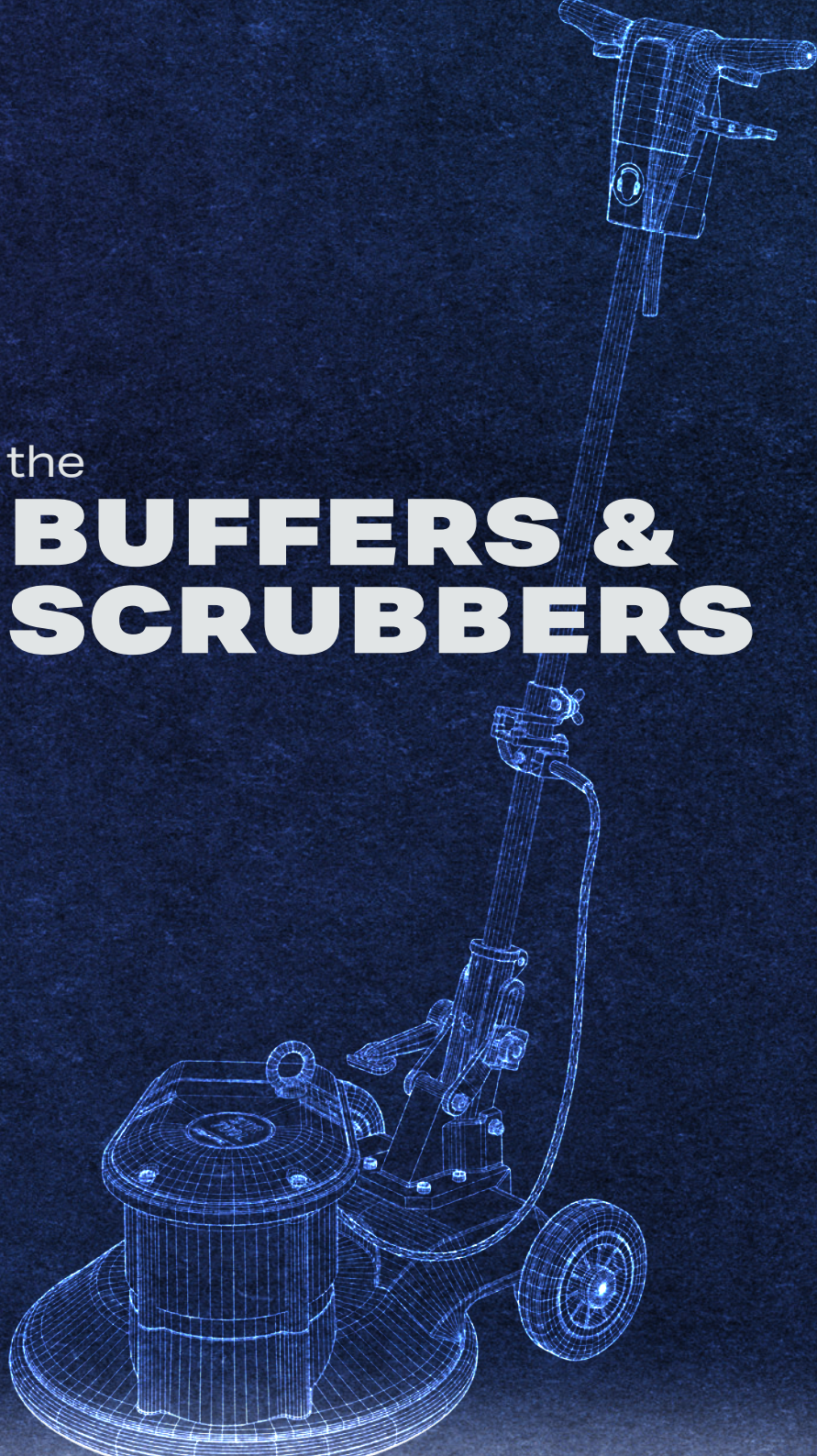


CT 330 VS carrier case.



the

BUFFERS & SCRUBBERS



A single disc machine spins one weighted head flat against the floor, and what you fit to it decides the outcome. Fit a brush and it scrubs; a cleaning pad and it buffs; a sanding pad and it sands or a diamond disc and it grinds. One body and a rack of attachments cleans, strips, sands and grinds a hard floor.



WHAT IT DOES

Cleans and finishes hard floors from one rotary head: scrubbing, strip-ping residue, light sanding of screed, buffing to a sheen, all by swapping the attachment.

WHY IT'S USED

The builder's clean at handover, scrubbing a new floor before the client walks it. Maintenance washing on a floor already in service. A strip to take old polish or a worn coating back before a re-coat. A sheen brought up on a sound floor.

WHAT PAD?

Brushes scrub, and strip pads remove residue; sanding pads and diamond discs abrade screed and coatings; SupraShine pads buff to a sheen. Match the attachment to the job: soft to clean, hard to strip and sand.

RESTORE

Brushes, soft to hard, for cleaning, and spray work.



STRIP

Strip pads lift old polish and coating residue.



SAND

Sanding pads and diamond discs abrade screed and coatings.



RANGE

SupraShine pads buff, clean, and even restore depending on the grit you apply.

**SEE THE
PAD GUIDE,
P.114**

CLEAN

These are finishing and cleaning machines. A single disc buffer scrubs, strips, sands lightly and buffs; it does not cut a concrete profile or flatten a slab. If the floor needs a CSP for a coating, or a true grind to flat, that is a planetary grinder, and it comes first. The buffer is the light touch at the end: maintenance, a strip before re-coat, a sheen on a sound floor. Run it on raw or uneven concrete and it only polishes the problem.

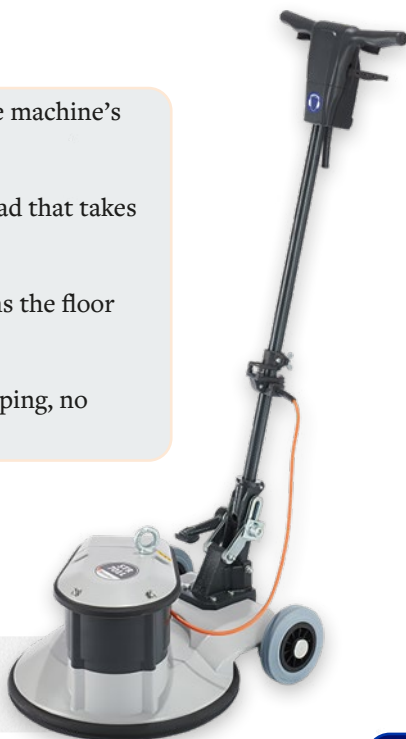
- ① **Drive plate:** Holds the pads onto the machine's head.
- ① **Single disc:** One weighted rotary head that takes a brush, pad or disc.
- ① **Scrubber-dryer:** Scrubs and vacuums the floor dry in one pass.
- ① **Screed:** A thin sand-and-cement topping, no gravel.

DUST AND SLURRY

Dry sanding screed or running diamond discs throws respirable crystalline silica, so the 0.1 mg/m³ eight-hour limit applies (S.I. 122 OF 2024): M-class extractor, H-class for old coatings. Wet scrubbing trades dust for slurry, a slip hazard and a disposal job, not one for the drain.

READ THE GRIT

The XY-78K and STR 701L take the same pads, and the grit on the face is what sets the outcome. Every SupraShine pad sits on one ladder, 220 to 8000: low grits strip dirt and old polish, the middle cleans and refines, high grits bring up the shine. The colour codes and the full ladder are on the pad guide, p.114.



BUFFER PADS BRUSHES

The pads that clean and shine a finished surface.

PAD	GRIT	Ø MM
SupraShine Heavy Duty	220, 400	430
SupraShine Regular	400, 800	430

➔ XY-78K, STR 701L



➔ **Cleaning**

PAD	GRIT	Ø MM
Sanding Pad G36-G180	36, 40, 50, 60, 80, 100, 120, 150, 180	430
Sanding Pad HD	16, 24	430
Sanding Screen	60, 80, 100, 180	430
Tungsten sanding disc	16, 24	430

➔ XY-78K, STR 701L



➔ **Sanding**

PAD	GRIT	Ø MM
Cleaning Pad 20"	(colour-graded, no grit)	508
SupraShine Heavy Duty	220, 400,	500
SupraShine Regular	400, 800,	500

➔ GW-55A scrubber / dryer



➔ **GW-55A**



1000 × 560 × 1200 mm



**XINGYI
XY-78K**

Single disc machine for everyday floor cleaning: scrubbing, spray cleaning and polishing small areas on hard floors.

DAY 1	€64
+1 DAY	€32
WEEK	€128

WORKING WIDTH	430 mm
ROTATING SPEED	176 rpm
MOTOR POWER	1.8 kW
VOLTAGE	• 110 V • 230 V
PLUG SIZE	• 32 A, 3 pin • 13 A, 3 pin
FREQUENCY	50 Hz
WEIGHT	78 kg



1000 × 560 × 1200 mm



SCHWAMBORN STR 701L

Single disc grinder and cleaner for big floors. Sanding screed, striping adhesives and coatings, and demanding clean-ups.

DAY 1 **€64**

+1 DAY **€32**

WEEK **€128**



VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
MOTOR	2.3 kW
PRESSURE	38 g/cm ²
SPEED	156 rpm
WEIGHT	58.5 kg
WORKING WIDTH	430 mm
PHASE	1
DISC PAD	430 mm
NOISE LEVEL	62 dB(A)

Battery Powered

1320 × 630 × 1200 mm



**HTG / XINGYI
GW-55A SP**

Battery scrubber-dryer.
550 mm working width.
24 V DC battery. 5 L
tank. For scrubbing and
drying across larger
site floors on one
charge.



WEEK **€180**



VOLTAGE	24 V battery
MOTOR	0.5 kW
WEIGHT	208.0 kg
WORKING WIDTH	550 mm

Gloss Maintenance

UltraLit Brilliant

A polymer maintenance cleaner that leaves a thin, streak-free protective film. It dries to a glossy, non-slip layer that resists dirt and shrugs off heel and tyre marks, and regular use renews the layer without letting coatings build up. The gentlest of the three and the most forgiving on surface type: safe on PVC, linoleum, and rubber.



Everyday Hardening Cleaner

UltraLit Clean

The routine maintenance wash. A small active-lithium content means it keeps hardening and dustproofing the floor while it cleans, lifting general dirt, grease and oil from workshop and garage floors. Low-foaming, works manually or through a machine. For alkali- and water-resistant industrial floors: concrete, cementitious screed, hard-baked brick, cotto and stoneware tiles, epoxy resin floors and asphalt. Not for linoleum or rubber.



Heavy-Duty Cleaner and Stripper

UltraLit Clean Plus

The strongest in the range. A highly alkaline lithium concentrate that dissolves stubborn industrial dirt, oil and grease fast, and doubles as a stripper to take back old maintenance films. Being so concentrated, it uses the least product per tank. For water- and alkali-resistant industrial floors only; do not use on coated floors, linoleum or rubber.



04

the

WET TRADES

WET TRADES

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Mixers

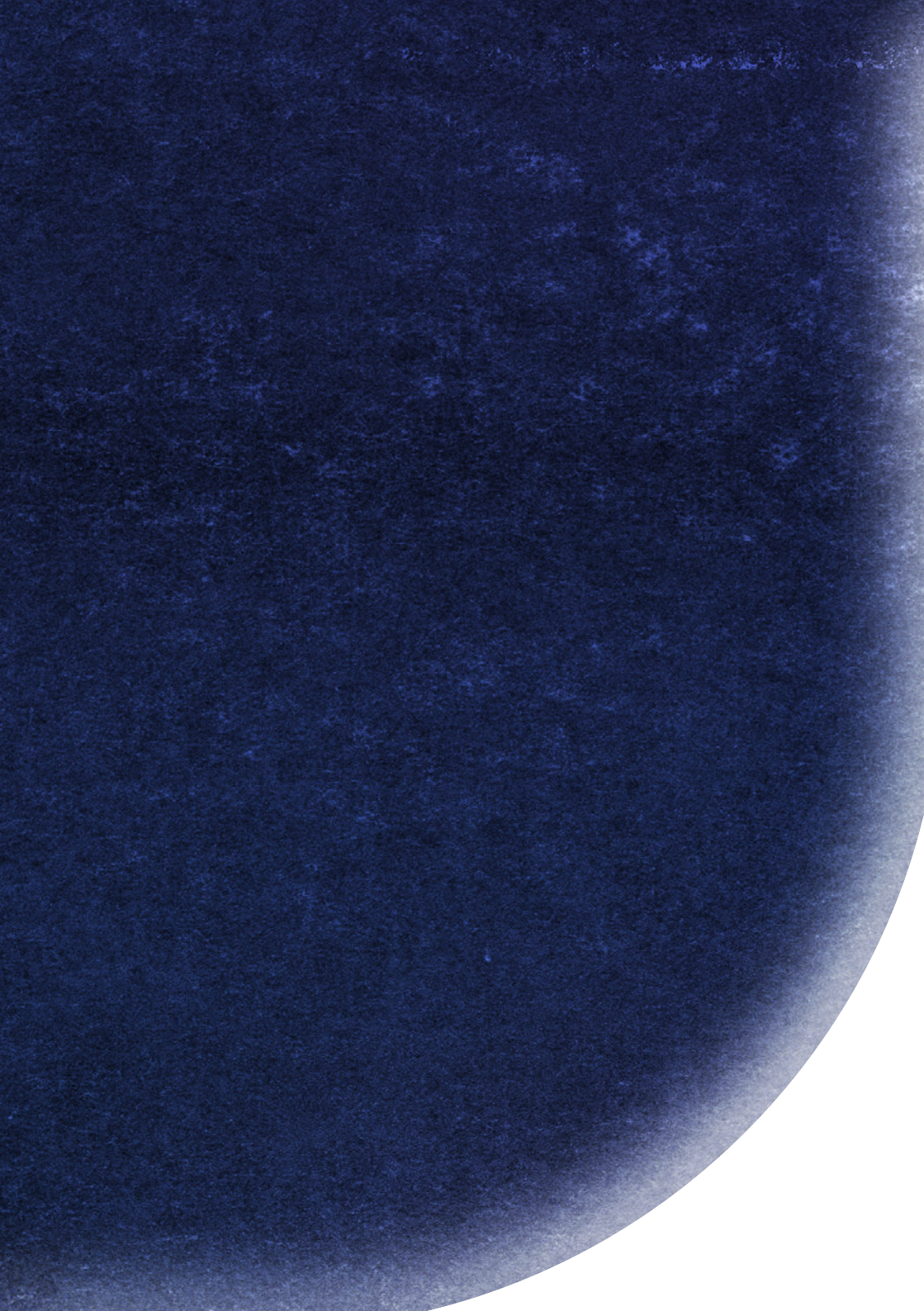
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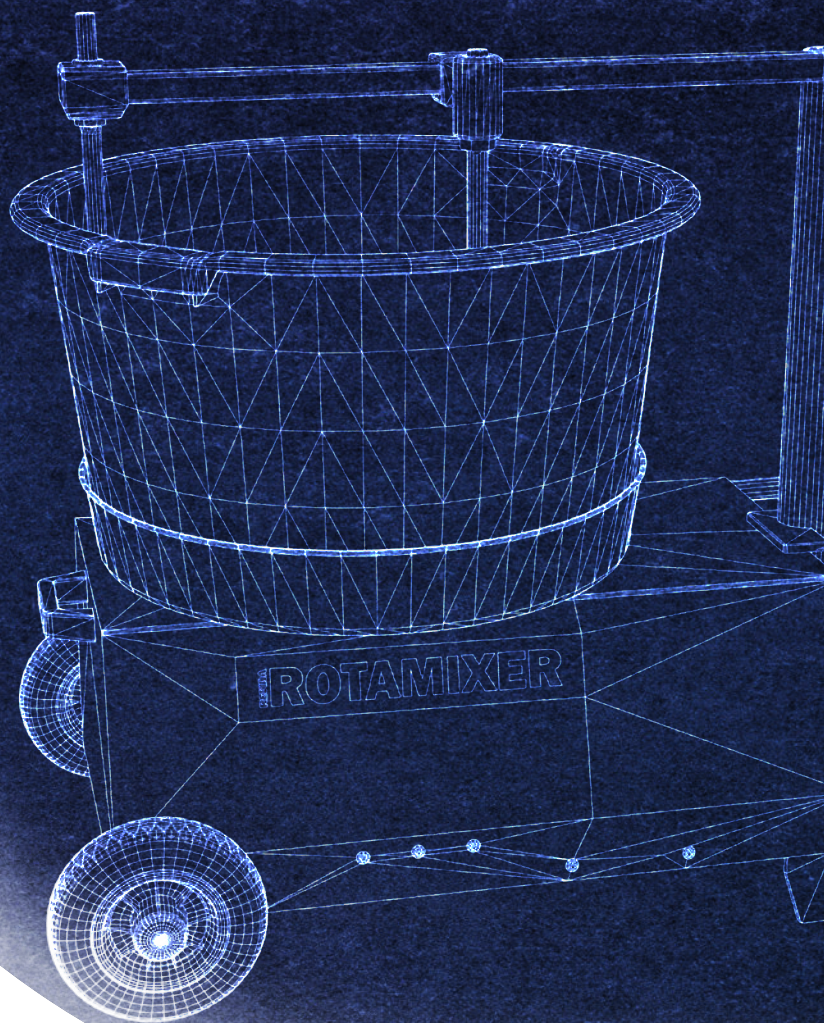
Pumps & screeds

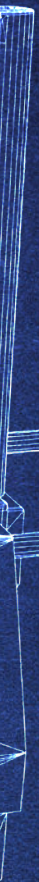
149

Power floats

150







the

**MIXERS,
PUMPS,
SCREEDS,
& POWER
FLOATS**

WHAT MIXER?

Three questions: what you're mixing, what happens next, and the power on site.

HOW ARE YOU MIXING?

- ➔ **Render, screed, mortar, resin-bound**
A tumbling drum can't mix these evenly **FORCED-ACTION MIXERS 146**
- ➔ **Self-leveller**
Folded air-free, up to four bags from one cart **PELICAN 147**
- ➔ **Bigger pours**
Five to six bags; the bigger motor drives it. **HIPPO 147**
- ➔ **A bucket or two**
Small or one-off batches off a drill. **PADDLE MIXER 148**

WHAT'S NEXT?

- ➔ **Moving the mix**
A mixing pump carries plaster or skim down a hose. **MIXING PUMP 149**
- ➔ **Levelling a fresh slab**
The BV30 power screed strikes the pour flat before it sets. **BV30 149**
- ➔ **Finishing the slab**
Power floats close and tighten the surface. **POWER FLOATS 150**

WHAT'S ON SITE?

➔ 110 / 230 V single phase

The m-tec M200 pump runs here; mixers and floats vary, check each.

M200 149

➔ Mains, working indoors (three phase)

The electric power floats run quiet and fume-free.

ELECTRIC POWER FLOATS 150

➔ No mains, open ground

The petrol BV30 screed needs no supply
Let the exhaust clear.

BV 30 149



Against the set

Once water hits the bag you are working against the set. Mix only what you can place before it goes off, and have the pump or the float ready before you start.

Wet trades start with the desired mix. Stiff render, screed and resin-bound need a forced-action mixer that drives a paddle through them; self-levellers need a vertical mixer that folds them without beating in air.



WHAT IT DOES

WHY IT'S USED

WHAT MIXER?

Mixes, pumps, screeds and floats fresh material on site. Forced-action mixers turn render, screed, mortar and resin-bound. Vertical mixers fold self-levellers; drill paddles do small batches. A mixing pump moves plaster down the hose, a power screed strikes off level, floats close the slab hard.

Mixing render, screed and resin-bound too stiff or too big for a drum. Getting self-levellers lump-free before they go down. Pumping plaster where the barrow can't reach. Floating a fresh slab to a flat, hard finish before it sets.

Forced action for stiff mixes that a drum just pushes round the sides: render, screed, mortar, resin-bound (*rm90, SoRoTo 120 L*). Vertical for free-flowing self-levellers, folded without dragging in air (*portamix range*).

STIFF

FLOWING

PUMP

FINISH

Forced-action mixers for render, screed, mortar and resin-bound: *RM90, SoRoTo 120 L*.

Vertical mixers for self-levellers, air-free: *portamix range*.

M-TEC M200 mixing pump moves plaster and filler down the hose.

BV30 power screed strikes level; power floats close the slab hard.



THE MIX

Forced action drives a paddle through stiff, low-slump material, the only way to turn render, screed or resin-bound evenly; a free-tumbling drum just carries it round the sides half-mixed. A vertical mixer does the opposite, folding a self-leveller in its own bucket without beating in air, which would cure as pinholes. Match the action to the consistency, then size each batch to what you can place before it sets.

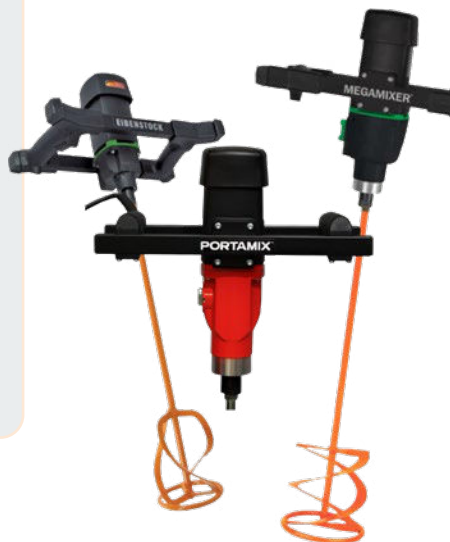
ON THE CLOCK

Everything here runs against the set. Once water hits the bag, render, screed and self-leveller each give a different working window. Mix only what you can place and float in that time, and have the pump or float ready before you mix. Wet cement and lime burn skin and eyes; dry mixing or cutting cured material throws respirable crystalline silica (0.1 MG/M^3 OVER EIGHT HOURS, S.I. 122 OF 2024).

POWER

Indoor or out changes the kit. The electric power floats run quiet and fume-free inside; the petrol BV30 power screed is for open ground where exhaust can clear.

- ① **Forced action:** Paddles or arms driven through stiff mix that a drum can't turn.
- ① **Vertical mixer:** Folds self-levellers without beating in air.
- ① **Power float:** Spinning blades close a fresh slab to a hard finish.
- ① **Screed:** A thin sand-and-cement topping, no gravel.
- ① **High/low slump:** How wet a mix is. Low slump is stiff, high slump pours.



**SOROTO
120 L**

A stationary pan with rotating paddles that force-mix the material, rather than a tilting drum that tumbles it. Perfect for resin-bound material.

DAY 1	€94
+1 DAY	€47
WEEK	€188



BLADES	Steel
DRUM CAPACITY	123 L
MIX CAPACITY	120 L
MOTOR	1.1 kW
SPEED	30 rpm
PHASE	1
VOLTAGE	240 V / 110 V
PLUG SIZE	32 A, 3 pin
WEIGHT	104.0 kg

**REFINA
RM90 / RM60**

Twin-paddle forced action mixer for stiff mixes: render, screed, tile adhesive and resin. Mixes up to three bags at once.

DAY 1	€70
+1 DAY	€35
WEEK	€140



BLADES	L & X shape paddles
MOTOR	1.1 kW
PHASE	1
VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
WEIGHT	69.0 kg



610 × 795 × 1250 mm



PORTAMIX PELICAN

A compact bucket-based station that mixes, transports and pours self-leveller in one unit.

DAY 1	€110
+1 DAY	€55
WEEK	€220



BLADES	TK200P
DRUM CAPACITY	85 L
VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
WEIGHT	34 kg

605 × 810 × 1400 mm



PORTAMIX MEGA HIPPO GEN II

Holds a bucket, mixes a 5-6 bag batch of self-leveller with a large dual-helix paddle.

DAY 1	€130
+1 DAY	€65
WEEK	€260



BLADES	TW226D-M16 (full batch) / TW226-M16 (half batch)
MIX CAPACITY	85 L
MOTOR	2.5 kW
SPEED	170 rpm
PHASE	1
VOLTAGE	110 V
PLUG SIZE	32 A, 3 pin
WEIGHT	55.0 kg



PADDLE MIXERS

DAY 1	€38
+1 DAY	€19
WEEK	€76



VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
MOTOR	1.1–1.8 kW
PADDLES	Included
SPEED	Multi-speed
FEATURES	Ergonomic Handles

1170 × 590 × 1060 mm



M-TEC M200

The m-tec M200 continuously mixes dry plaster or filler with water and pumps the wet mix straight down the hose to where it's laid.



WEEK

€450

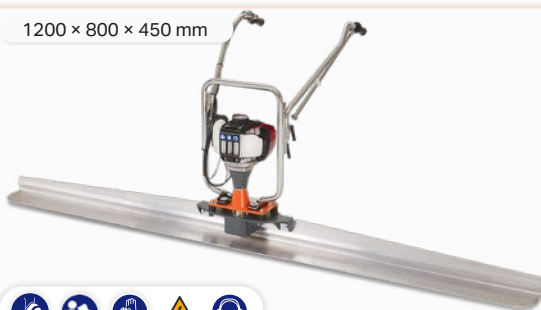


BLADES	Worm pump (variable rotor/stator)
MOTOR	2.2 kW
PHASE	1
VOLTAGE	230 V / 50 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	110.0 kg

HUSQVARNA BV30

BV 30 is a versatile, petrol-driven walk-behind concrete power screed designed to deliver a high-quality slab.

1200 × 800 × 450 mm



DAY 1 €84

+1 DAY €42

WEEK €168



POWER SOURCE Petrol 0.65 L

WORKING WIDTH Up to 3660 mm

ENGINE POWER 1 kW

SOUND LEVEL 108 dB(A)

WEIGHT 34 kg

800 MM

860 × 680 × 750 mm

1000 MM

1010 × 1010 × 760 mm



POWER FLOAT 800/1000 MM

Electric power float with rotating flywheel, allowing operation in tight corners and in confined spaces. Low noise and no fumes, ideal for working indoors.



800 MM



1000 MM

DAY 1	€140
+1 DAY	€70
WEEK	€280

VOLTAGE	400 V
MOTOR POWER	3.0 kW
PAN DIAMETER	800 / 1000 mm
WEIGHT	63 kg
PLUG SIZE	32 A, 5 pin
CABLE REQUIREMENT	2.5 mm ²
GENERATOR REQUIREMENT	10 kVA

+353 1 88 99 000

Ring us, we're ready to help.

05

the

CUTTING & DRILLING

CUTTING & DRILLING

152

Core drilling

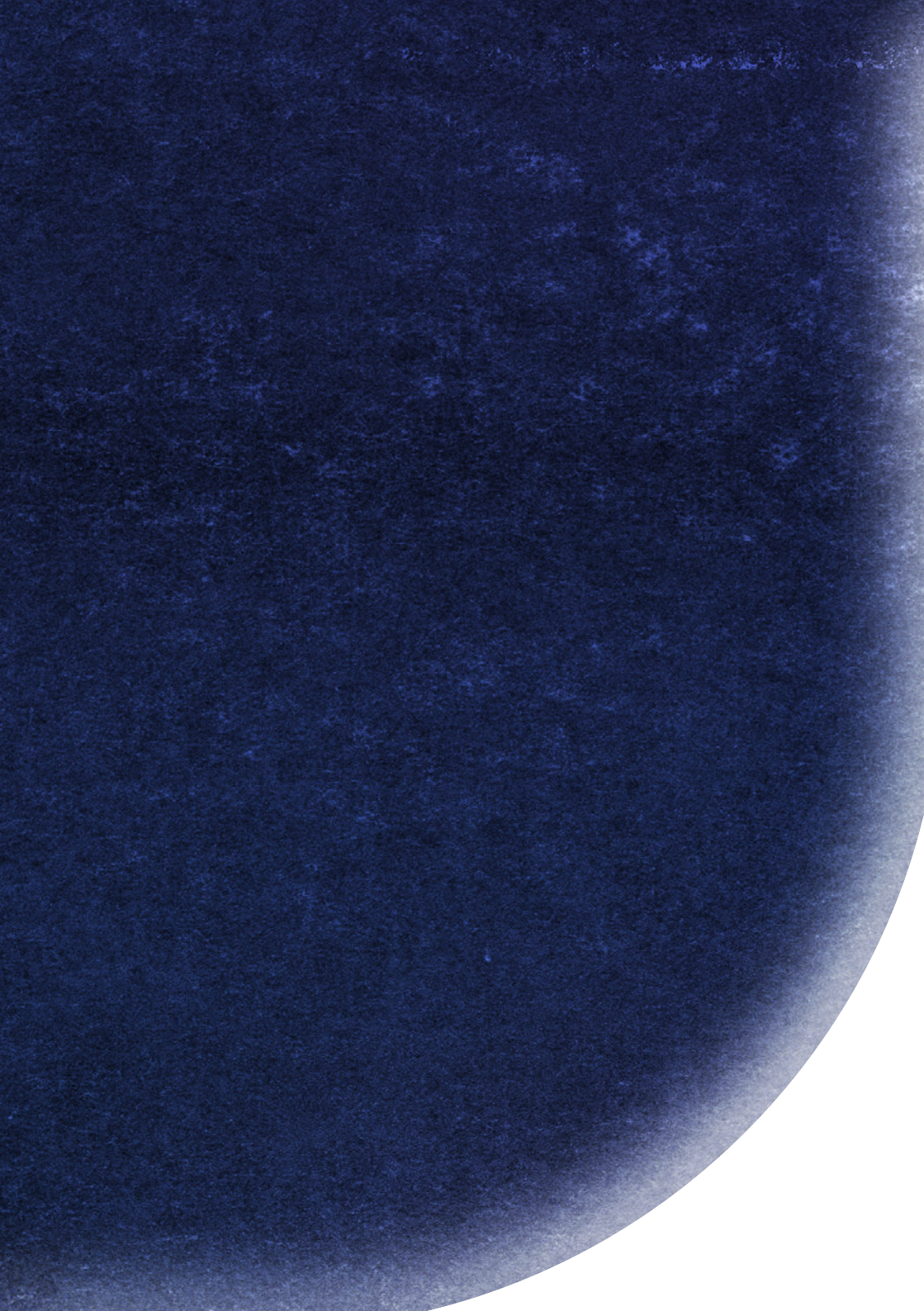
161

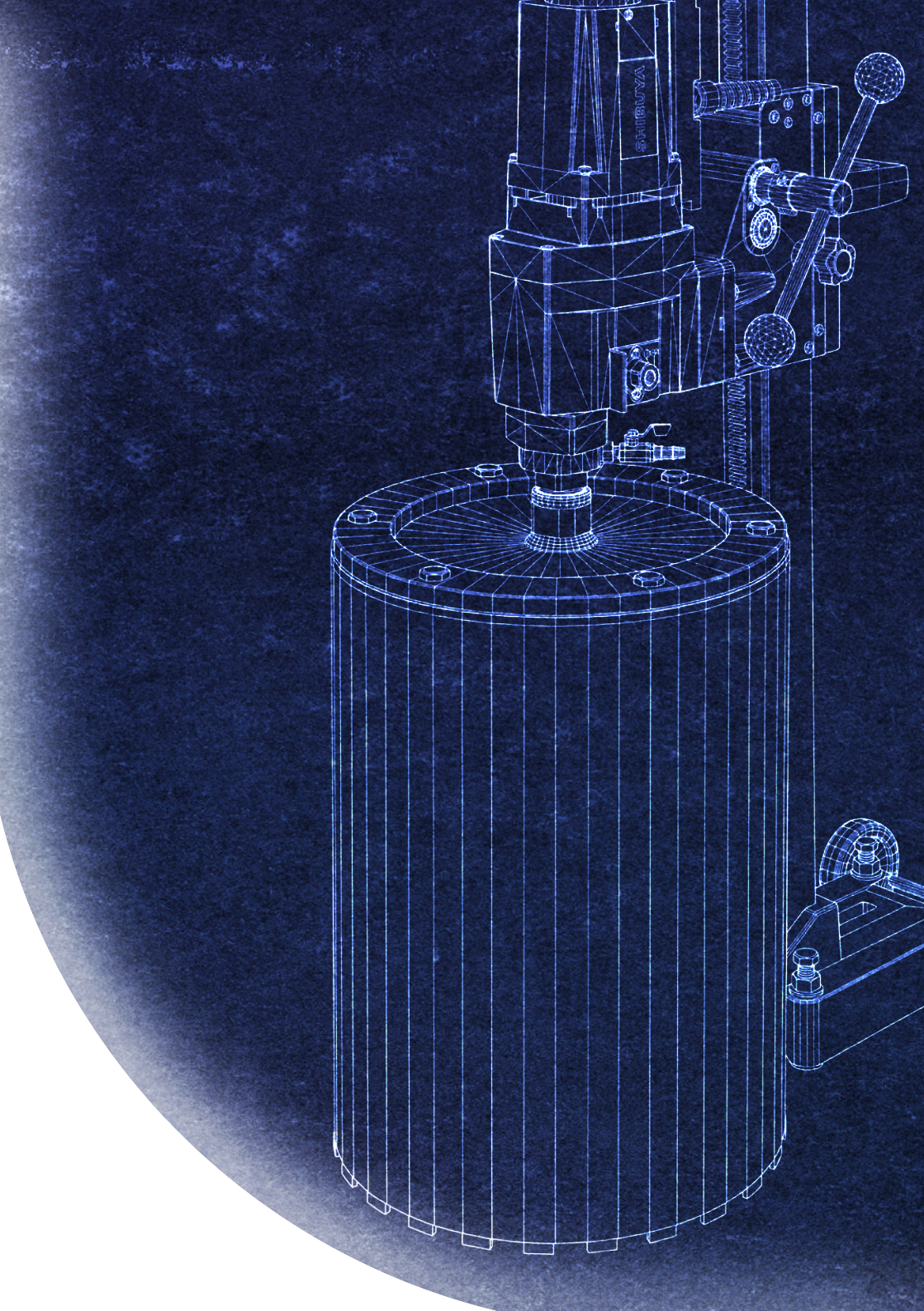
Cutters

171

Breakers

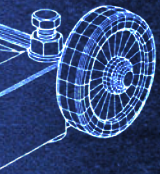
177





the

CORE DRILLS, CUTTERS, & BREAKERS



WHAT TOOL?

Three questions: the cut, the size, and the power and water on site.

WHAT CUT?

→ Round hole, cored clean

Fixings, services and openings.

CORE DRILLS 161

→ Straight cut or opening

Sawn lines and openings, to depth.

CUTTERS 171

→ Channel for services

Cable and pipe chased into wall or floor.

MFE 40 173

→ Break it out

Concrete and screed broken out.

BREAKERS 177

HOW BIG, HOW DEEP?

→ Coring

Handheld to 200 mm for fixings:

stand rigs to 250 mm

DMP-352 / Shibuya T405 for huge holes.

HANDHELD 200 MM 168

STAND RIGS 250 MM 165

SHIBUYA TS-405 166

→ Cutting

Floor slabs to 320 mm on the FSE811:

clean hand lines on the K4000:

FSE811 173

K4000 172

→ Breaking

Floor-level demolition at 41 J, the GSH 16-28:

Break and drill at 16.8 J, the GSH 11 E:

GSH 16-28 178

GSH 11 E 179

WHAT'S ON SITE?

➔ 110 / 230 V site supply

SITE SUPPLIES 190

➔ Water on tap

Wet rigs and wet cutters need a hose and run-off.

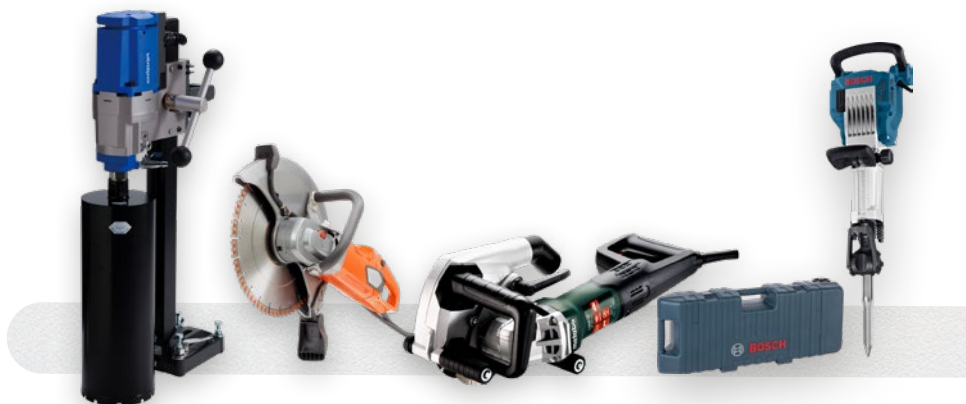
No water? Core dry behind a cowl.

➔ Dust class

M-class for fresh concrete, H-class over old coatings.

Match the vac to the dust class.

EXTRACTION 90



Wet work cools the diamond and lays the dust as slurry; dry work needs a collection unit

Set concrete opens four ways: a round hole cored out, a straight line sawn, a channel chased, or a section broken out. Diamond achieves the cuts, cooled by water or run behind a vac; the breaker does the fourth by impact.



WHAT THEY DO

WHY IT'S USED

WHAT TOOL?

Cores, cuts, chases and breaks set concrete on site. Core drills bore round holes, rig-mounted and wet for deep clean bores, hand-held for fixings. Power cutters and floor saws make straight cuts to depth. A wall chaser cuts service channels. Breaker hammers take out concrete and screed.

Coring for HVAC, plumbing, electrical and fixings. Cutting openings, expansion joints and doorways. Floor-sawing slabs to depth. Chasing cable and pipe into walls. Breaking out slabs and screed.

Core drills for round holes: rig-mounted and wet for deep clean bores up to 402 mm, hand-held for fixings. Power cutters and floor saws for straight cuts, the FSE811 to 320 mm deep. A wall chaser for service channels. Breaker hammers to break out, the GSH 16-28 for demolition at 41 J, the GSH 11 E to break and drill.

CORE	CUT	CHASE	BREAK
Wet rigs for clean deep holes, hand-held units for fixings: Shibuya, Bycon.	Power cutters and floor saws for straight cuts: K4000, FSE811.	Wall chaser and grinder sets for cable channels: Metabo MFE 40.	Breaker hammers break out concrete and screed: Bosch gsh series.



DUST AND WATER

Cutting and coring concrete dry is among the heaviest silica work on site. Wet work holds it down: the water cools the diamond and lays the dust as slurry. Dry work needs a cowl and an M-class extractor, H-class over old coatings; the 0.1 mg/m^3 eight-hour limit still applies (S.I. 122 of 2024). The vac goes on the hire order with the tool.

① **Core drill:** bores a round hole with a hollow diamond barrel.

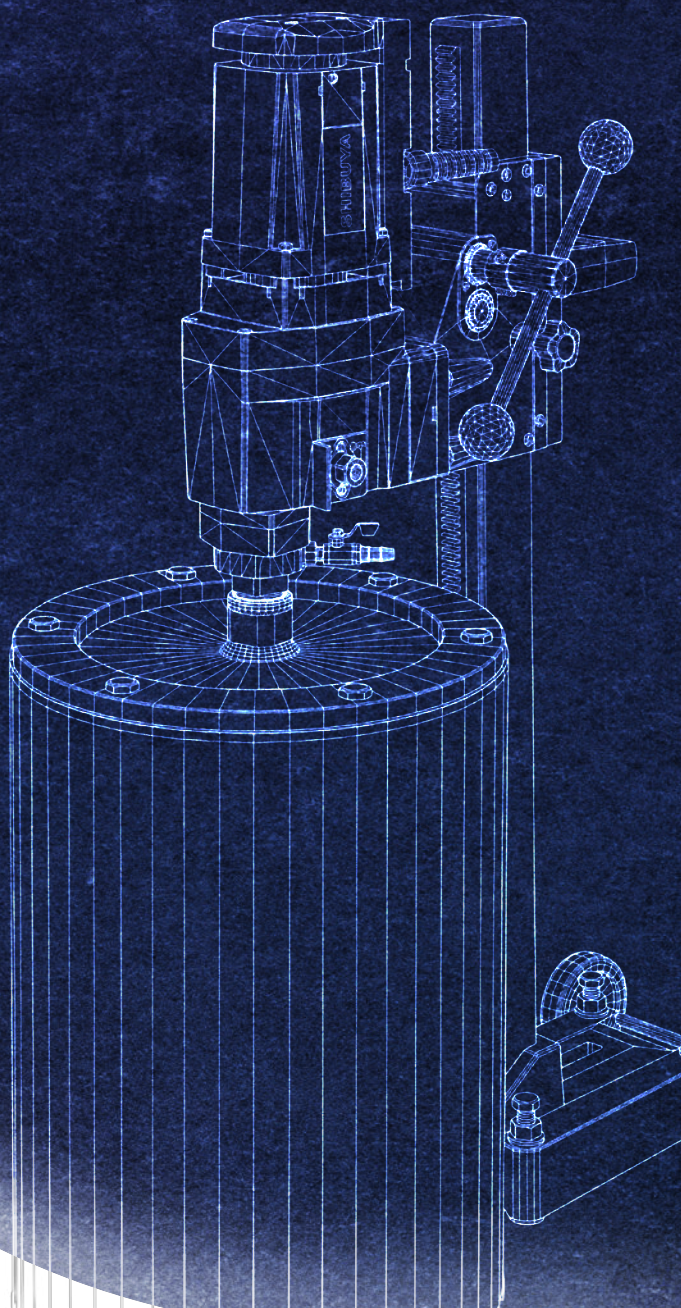
① **Chasing:** cutting a channel in a wall or floor for services.

① **Breaker:** percussion hammer that breaks out concrete and screed.

① **Impact energy (J):** the force of a breaker's blow, in joules; higher breaks harder.

① **Reinforced concrete:** concrete with steel bar inside; it needs a tougher diamond bond to cut.





the
CORE DRILLS



DRILL BITS



ADAPTERS	1/2" GAS ⊙ ↓ 1-1/4" UNC A	1-1/4" UNC ⊙ ↓ A-ROD B	M18 ⊙ ↓ 1-1/4" UNC C

● Native Connection	⊙ Via Adapter	— Not a core drill fitment
------------------------	------------------	----------------------------------



BIT MOUNT (THREAD)	BYCON DB-132 M18 Ø 132 dry + wet	BYCON DB-162/202D DMP-202BD UNC + GAS Ø 202 dry + wet	BYCON DMP-352 UNC Ø 402 wet	SHIBUYA TS-165 UNC Ø 180 wet	SHIBUYA TS-255 UNC Ø 250 wet	SHIBUYA TS-405 UNC Ø 400 wet
1-1/4" UNC	⊙ C	●	●	●	●	●
1/2" GAS	—	●	⊙ A	⊙ A	⊙ A	⊙ A
A-ROD	—	⊙ B	⊙ B	●	●	●

① **max Ø** = largest hole the machine bores; any bit up to it fits. DB-162D hand-held is limited to 162 mm.
Shibuya rigs include the UNC-TO-A-ROD adapter.
All three adapters (A, B, C) are in stock.



1-1/4" UNC Ø MM

	RM7H (WET)	32, 42, 47, 52, 57, 62, 68, 72, 77, 82, 92, 102, 112, 122, 126, 132, 142, 152, 162, 172, 182, 200, 225, 250, 275, 300, 320, 350, 400, 450, 500 mm
	RS7X(R) (WET)	32, 42, 52, 57, 62, 68, 72, 77, 82, 92, 102, 112, 122, 126, 132, 142, 152, 162, 172, 182, 200, 225, 250, 300, 400, 450, 500 mm
	RS8X (WET)	32, 42, 52, 62, 72, 77, 82, 92, 102, 112, 122, 126, 132, 142, 152, 162, 172, 182, 200, 250, 300, 350 mm
	RS-TX (DRY)	32, 42, 52, 62, 72, 82, 92, 102, 112, 122, 132, 142, 152, 162, 172, 182, 200
	RM-TX (DRY)	32, 42, 52, 62, 72, 82, 92, 100, 110, 120, 130, 140, 150, 160, 180, 200, 225, 250, 300 mm
	DISTAR REINFORCED CONCRETE (WET)	32, 42, 47, 52, 57, 62, 68, 72, 77, 82, 92, 102, 112, 122, 126, 132, 142, 152, 162, 172, 182, 200, 225, 250, 302 mm
	CORE BIT (WET)	42, 52, 62, 72, 82, 92, 102, 112, 127, 132, 152, 162, 170, 180, 190, 200, 220, 250, 280, 300, 350, 400, 450, 500, 600 mm
	CORE BIT (WET)	52, 112, 152 mm
	CORE BIT (WET)	52, 112, 152 mm
	DISTAR REINFORCED (WET)	25 mm

1/2" GAS Ø MM



RM4 (WET) 12, 14, 16, 18, 20, 22, 25, 28, 30, 32, 35 mm

A-ROD Ø MM

SHIBUYA 28, 32, 40, 52, 65, 70, 75, 80, 90, 100, 110, 120, 130,
YS-1 150, 160, 180, 200, 210, 230, 250, 260, 300 mm



**SHIBUYA
H1521
+ TS-165**

Single phase wet core drill on a fixed-base stand for routine concrete coring. Add the AB52 swivel base to tilt and drill at an angle; carry case optional.

WET / DRY	Wet
MAX DRILLING Ø	180 mm
DRILLING STROKE	497 mm
SPINDLE THREAD	1-1/4" UNC
SPINDLE SPEED	• 750 rpm • 1150 rpm
POWER INPUT	1.7 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	16.7 kg
BASE DIMENSIONS	146 × 205 mm



DAY 1	€50
+1 DAY	€25
WEEK	€100

Height: 1011 mm



SHIBUYA H2021 + TS-255

Single phase wet core drill on a fixed-base stand for everyday concrete coring. Add the AB52 swivel base to tilt the column for angled holes.



WET / DRY	Wet
MAX DRILLING Ø	250 mm (with 30 mm spacer)
DRILLING STROKE	680 mm
SPINDLE THREAD	1-1/4" UNC
SPINDLE SPEED	• 450 rpm • 950 rpm
POWER INPUT	2.3 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	32 A, 3 pin
WEIGHT	19.4 kg
BASE DIMENSIONS	146 × 205 mm

DAY 1 €74

+1 DAY €37

WEEK €148

Height: 1060 mm



SHIBUYA H2231 + TS-405

Single phase wet core drill on a fixed-base stand for everyday concrete coring on bigger jobs. Add the AB61 swivel base to tilt for angled holes at depth.

WET / DRY	Wet
MAX DRILLING Ø	400 mm (with 30 mm spacer)
DRILLING STROKE	655 mm
SPINDLE THREAD	1-1/4" UNC
SPINDLE SPEED	• 300 rpm • 700 rpm • 1400 rpm
POWER INPUT	2.75 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	32 A, 3 pin
WEIGHT	32.6 kg
BASE DIMENSIONS	186 × 250 mm



DAY 1	€150
+1 DAY	€75
WEEK	€300



BYCON DB-132

Handheld micro-percussion core drill for dust-free dry drilling up to 132 mm, wet option too. For HVAC, plumbing and electrical fixings in concrete.

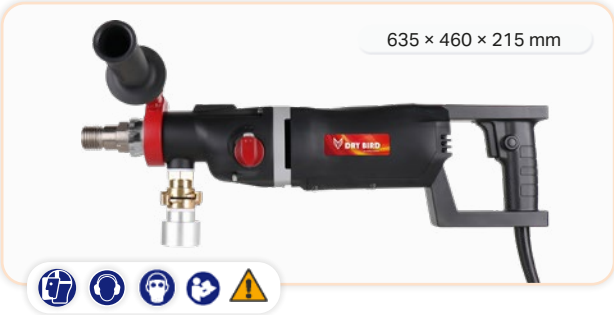
DAY 1 €30

+1 DAY €15

WEEK €60



WET / DRY	Dry & Wet
MAX DRILLING Ø	132 mm
SPINDLE THREAD	M18
SPINDLE SPEED	• 1500 rpm • 3000 rpm
IMPACT SPEED	• 24,000 bpm • 48,000 bpm
POWER INPUT	1.5 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	3.7 kg



**BYCON
DB-202D**

Handheld micro-percussion core drill, dry or wet, for holes to 202 mm. Bigger dry penetrations through concrete and masonry on site.

DAY 1	€44
+1 DAY	€22
WEEK	€88



WET / DRY	Dry & Wet
MAX DRILLING Ø	202 mm
SPINDLE THREAD	• 1-¼" UNC • ½" G
SPINDLE SPEED	• 700 rpm • 1550 rpm
IMPACT SPEED	• 18,200 bpm • 40,300 bpm
POWER INPUT	2.6 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	6.05 kg
COMPATIBLE STAND	DBS-162



**BYCON
DMP-202BD**

Three-speed wet diamond core drill for concrete, masonry and stone. Cores up to 202 mm, hand-held or stand-mounted for bigger holes.

DAY 1	€44
+1 DAY	€22
WEEK	€88



WET / DRY	Wet
MAX DRILLING Ø	• 202 mm • 102 mm • 52 mm
SPINDLE THREAD	• 1-¼" UNC • ½" G
SPINDLE SPEED	• 650 rpm • 1450 rpm • 3150 rpm
POWER INPUT	2.6 kW
VOLTAGE	• 110 V • 1 Phase • 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	6.65 kg
COMPATIBLE STAND	• DSP-162 • DSP-252



BYCON DB-162D

Handheld micro-percussion core drill, dry or wet, to 162 mm free-hand or 202 mm on a stand. Dust-free finishing work in concrete and masonry.

DAY 1 €44

+1 DAY €22

WEEK €88



WET / DRY	Dry & Wet
MAX DRILLING Ø	• 162 mm (hand-held)
	• 202 mm (stand)
SPINDLE THREAD	• 1-¼" UNC
	• ½" G
SPINDLE SPEED	• 640 rpm
	• 1420 rpm
IMPACT SPEED	• 16,640 bpm
	• 36,920 bpm
POWER INPUT	2.2 kW
VOLTAGE	• 110 V
	• 1 Phase
	• 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	6.5 kg
COMPATIBLE STAND	• DSP-162
	• DSP-252

BYCON DMP-352

635 × 460 × 215 mm



Heavy three-speed wet diamond core drill for stand-mounted work. Cores up to 402 mm through concrete, masonry and stone on big jobs.

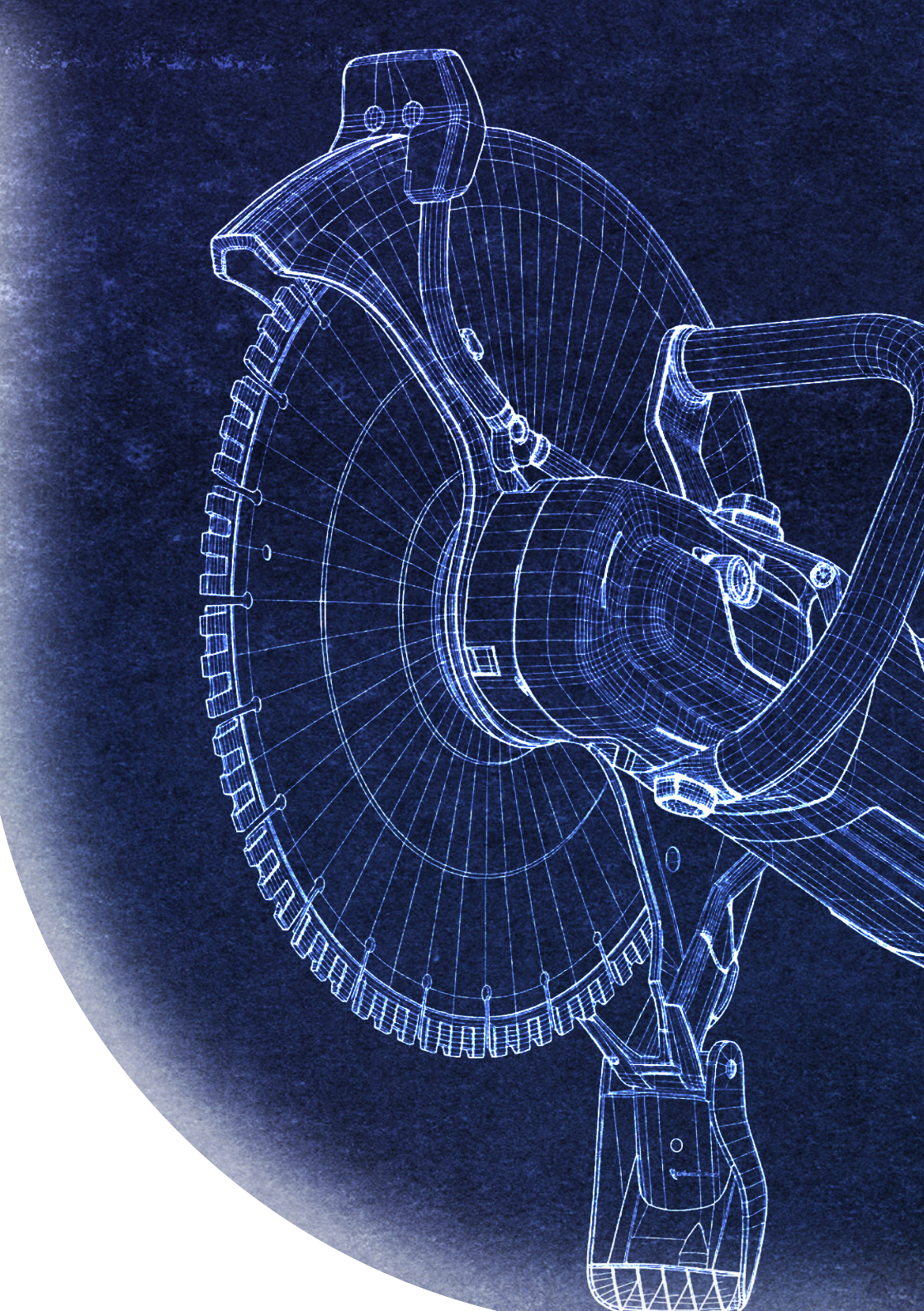
DAY 1 €124

+1 DAY €62

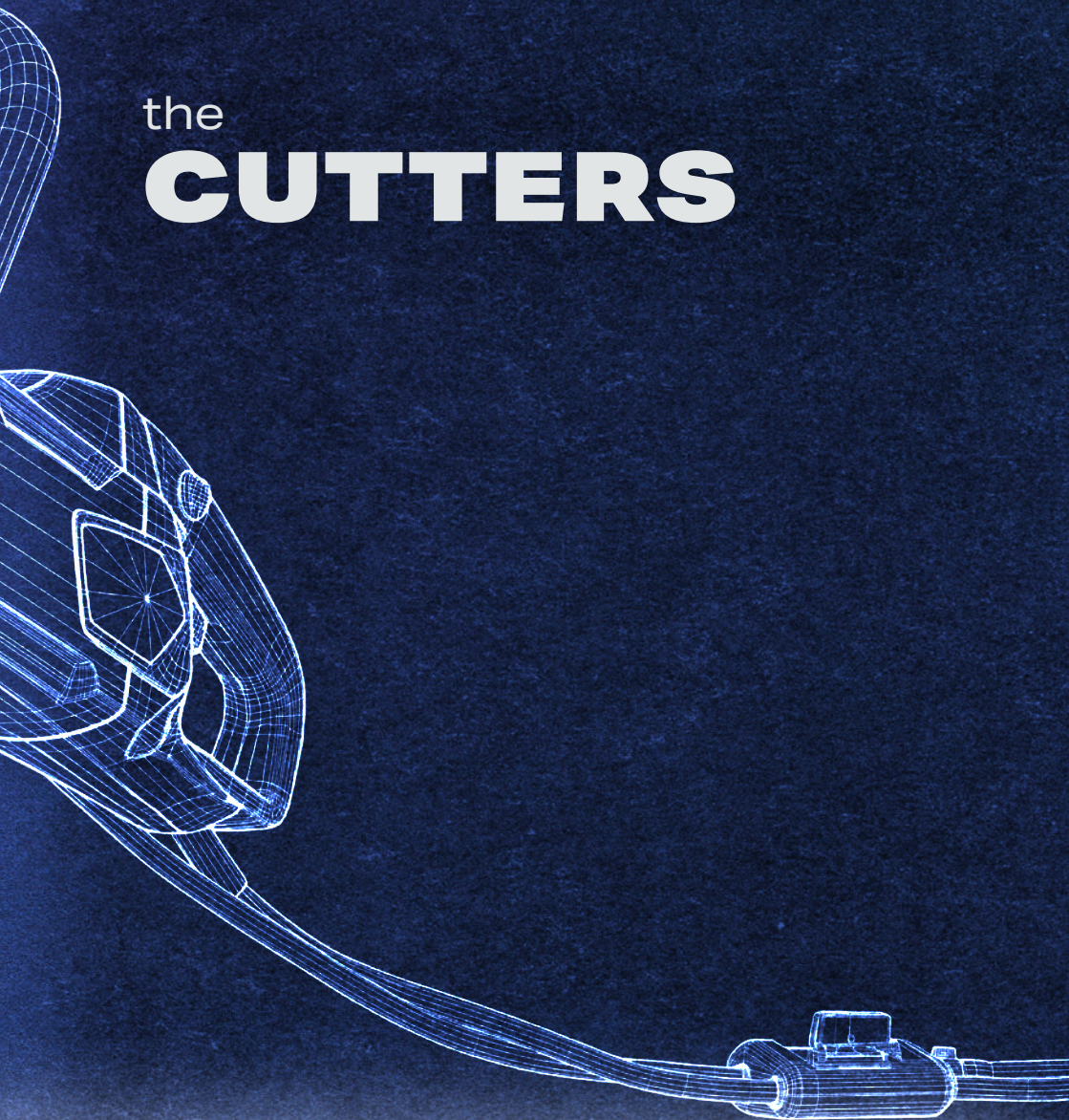
WEEK €248



WET / DRY	Wet
MAX DRILLING Ø	• 402 mm
	• 202 mm
	• 102 mm
SPINDLE THREAD	1-¼" UNC
SPINDLE SPEED	• 350 rpm
	• 700 rpm
	• 1100 rpm
POWER INPUT	3.3 kW
VOLTAGE	• 110 V
	• 1 Phase
	• 50/60 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	13.5 kg
COMPATIBLE STAND	• DSP-352
	• DSP-2000



the
CUTTERS





**HUSQVARNA
K4000**

This electric all-round cutter minimises the amount of water and slurry. Unlike other electric cutters, the blade rotates forward, cutting into the material efficiently.

DAY 1	€64
+1 DAY	€32
WEEK	€128



VOLTAGE	110 V
PLUG SIZE	32 A, 3 pin
MOTOR POWER	2.7 kW
CUTTING DEPTH MAX	0–125 mm
BLADE DIAMETER	350 mm
ARBOR DIAMETER	25.4 mm
BLADE THICKNESS MAX	5.6 mm
PERIPHERAL SPEED MAX	100 m/s
WEIGHT	7.6 kg
SOUND LEVEL	105 dB(A)
SOUND PRESSURE	95 dB(A)
VIBRATIONS	3.5 m/s ²



**HUSQVARNA
K4000EL**

The Cut-n-Break method is the natural choice when you need to cut deep but want a machine with low tool and maintenance costs.

DAY 1	€90
+1 DAY	€45
WEEK	€180



VOLTAGE	110 V
PLUG SIZE	32 A, 3 pin
MOTOR POWER	2.7 kW
CUTTING DEPTH MAX	0–400 mm
BLADE DIAMETER	230 mm
BLADE THICKNESS MAX	2.5 mm
PERIPHERAL SPEED MAX	60 m/s
WEIGHT	8.4 kg
SOUND LEVEL	109 dB(A)
SOUND PRESSURE	95 dB(A)
VIBRATIONS LEFT/FRONT HANDLE	3.2 m/s ²



METABO MFE 40

Ideal for electrical installations to lay cables and pipework under plaster with cutting depths up to 40 mm.

DAY 1 €60

+1 DAY €30

WEEK €120



CUTTING DEPTH	10–40 mm
GROOVE WIDTHS	9 / 15.5 / 22 / 28.5 / 35 mm
CUTTING DISC	Ø 125 mm
RATED INPUT POWER	1.7 kW
PLUG SIZE	16 A, 3 pin
OUTPUT POWER	0.97 kW
NO-LOAD SPEED	5000 rpm
SPEED AT RATED LOAD	4000 rpm
TORQUE	6 Nm
WEIGHT	4.6 kg
VIBRATION	5.5 m/s ²
SOUND POWER LEVEL	104 dB(A)



TYROLIT FSE811

Floor saw for cutting depths up to 320 mm. Quick and easy to change from left to right cutting. Integrated safety.

DAY 1 €190

+1 DAY €95

WEEK €380



VOLTAGE	400 V
PLUG SIZE	32 A, 5 pin
POWER OUTPUT	7.5 kW
MAX CUT DEPTH	0–320 mm
SAW BLADE SPEED	1250 rpm
BLADE HOLDER DIAMETER	25.4 mm
CARRIER DIAMETER	11.5 mm
WEIGHT	57.4 kg



ANGLE GRINDER: CUTTING SET 125 MM

125 mm cutting set: For cutting and chasing clean lines in concrete, screed and masonry. Pairs with the Nakaya 125-MA dust cowl for indoor work.

DAY 1	€30
+1 DAY	€15
WEEK	€60

VOLTAGE	110 V / 230 V
PLUG SIZE	16 A, 3 pin
MOTOR POWER	1.1 kW / 1.5 kW
DISC DIAMETER	115–125 mm
ATTACHMENTS	Nakaya 125-MA
RECOMMENDED VACUUM	Metabo ASR 35
CUTTING DEPTH	25 mm (with guard)





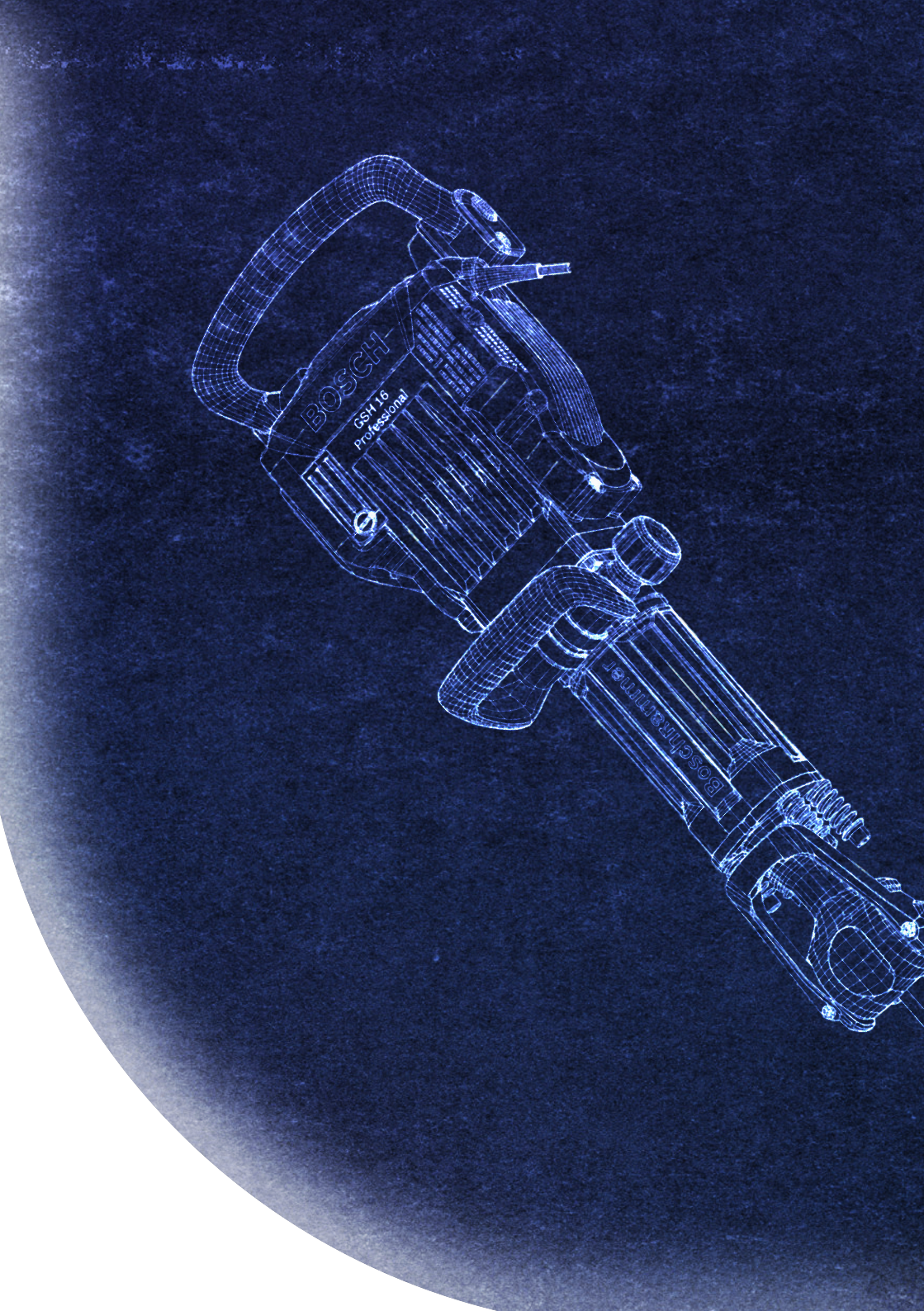
**ANGLE GRINDER:
CUTTING SET 230 MM**

230 mm cutting set: For deeper cutting and chasing in concrete and masonry. Pairs with the Nakaya NK 230 dust tank to keep dust down indoors.

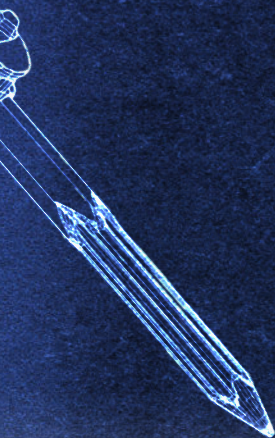
DAY 1	€34
+1 DAY	€17
WEEK	€68



VOLTAGE	110 / 230 V
PLUG SIZE	32 A, 3 pin
MOTOR POWER	2.2–2.4 kW
DISC DIAMETER	180 mm
ATTACHMENTS	Nakaya NK 230
RECOMMENDED VACUUM	MTL 202 DS / DSLP MTL 452
CUTTING DEPTH	60 mm (with guard)



the
BREAKERS



BOSCH GSH 16-28

Breaker hammer.
Breaking concrete and
screed at floor level. 41
J impact, 1280 bpm on
110 V. HEX 28 mm tool
holder.

DAY 1	€44
+1 DAY	€22
WEEK	€88



IMPACT ENERGY	41 J
IMPACT RATE	1280 bpm
TOOL HOLDER	HEX 28 mm
POWER INPUT	1.75 kW
VOLTAGE	• 110 V • 1 Phase
PLUG SIZE	32 A, 3 pin
WEIGHT	18.3 kg
VIBRATION	12.3 m/s ²

BOSCH GHT 130

Wheeled trolley for
the Bosch GSH 16-28
breaker. For moving
and supporting the
breaker.

DAY 1	€60
+1 DAY	€30
WEEK	€120





BOSCH GSH 11 E

SDS-max combination breaker. For breaking and drilling in concrete and stone on site. 16.8 J, 1050–1890 bpm on 110 V.

DAY 1 €36

+1 DAY €18

WEEK €72



IMPACT ENERGY	16.8 J
IMPACT RATE	1050–1890 bpm
TOOL HOLDER	SDS-max
POWER INPUT	1.5 kW
VOLTAGE	• 110 V • 1 Phase
PLUG SIZE	16 A, 3 pin
WEIGHT	10.1 kg
VIBRATION	20 m/s ²

06

the

MATERIAL HANDLING

MATERIAL HANDLING

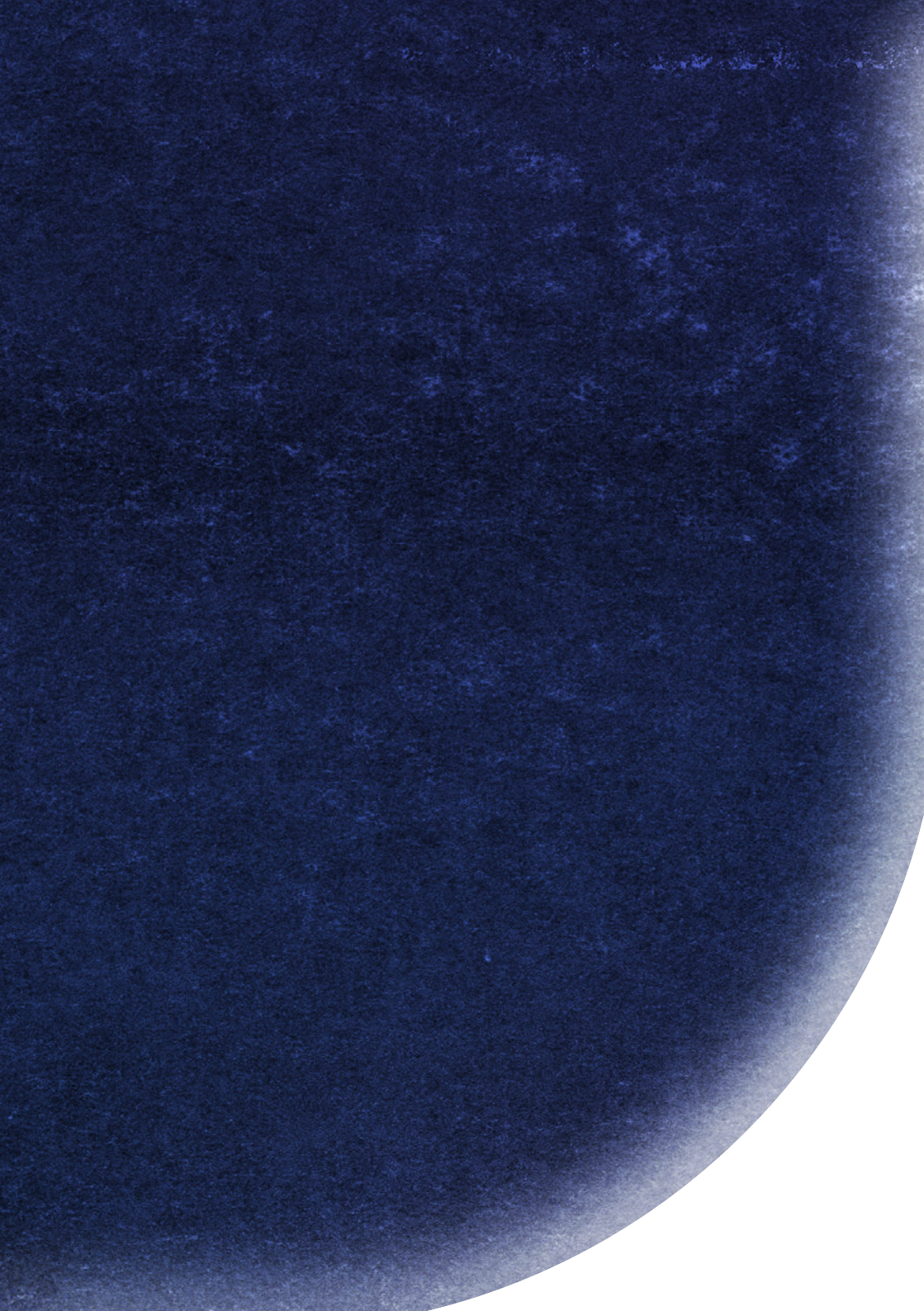
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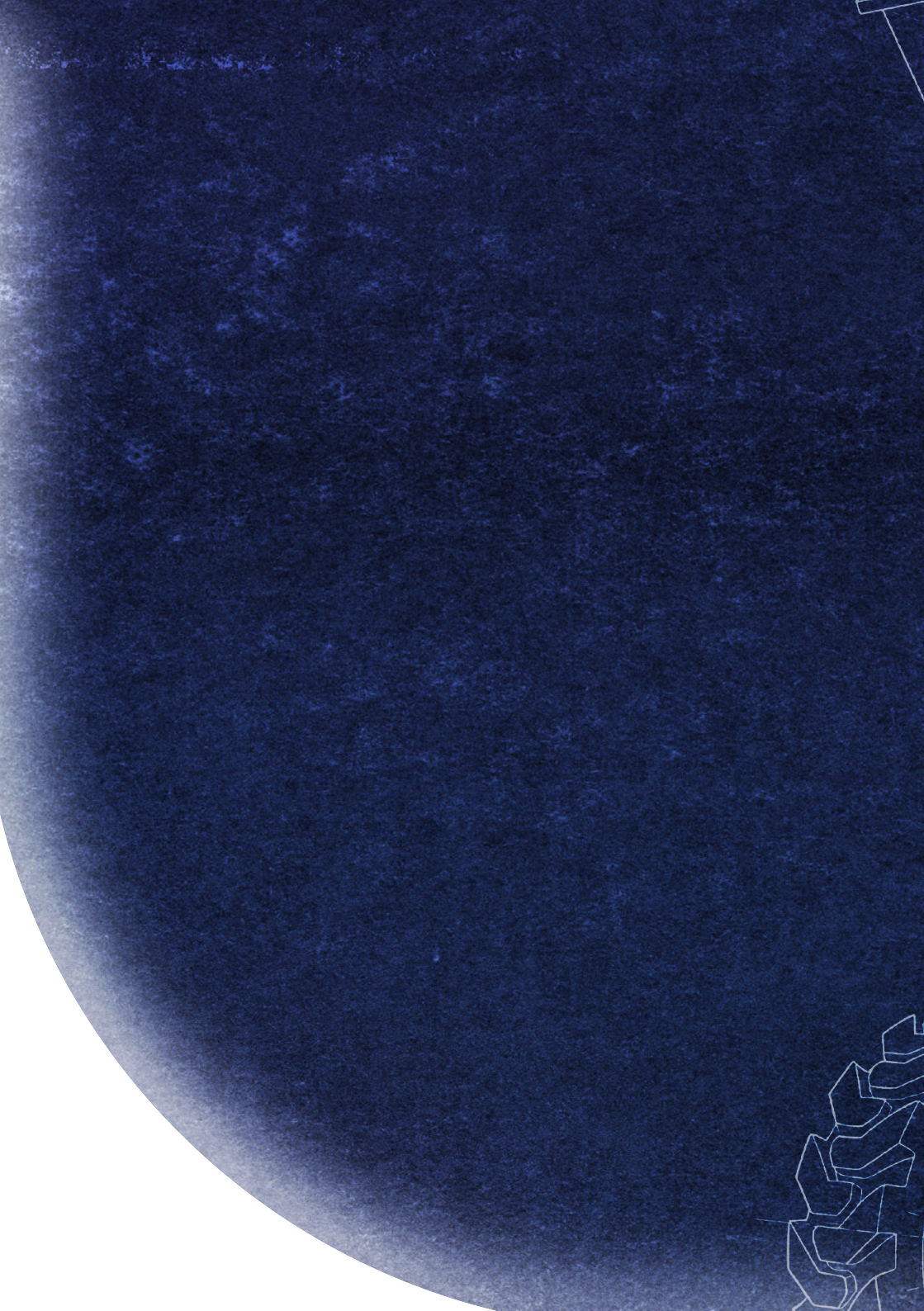
Dumpers

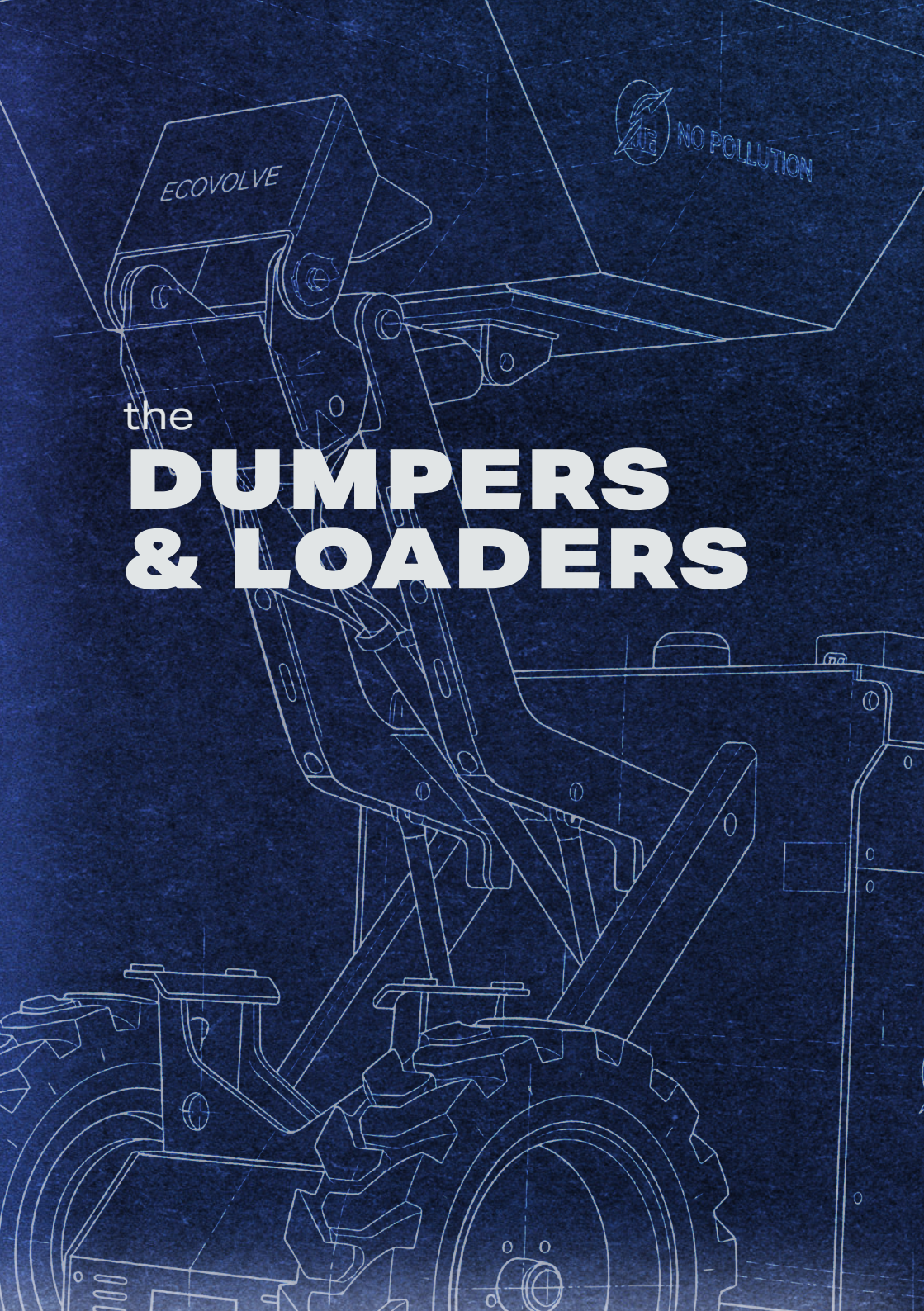
183

Loader

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A technical line drawing of a wheel loader bucket and chassis, rendered in white lines on a dark blue background. The bucket is at the top, with the word "ECOVLVE" (likely a misspelling of "ECOVOLVE") on its side. Below the bucket, the hydraulic arm and chassis are shown, including a large rear wheel and a smaller front wheel. In the upper right, there is a circular logo with a lightning bolt and the text "NO POLLUTION".

ECOVLVE

NO POLLUTION

the

DUMPERS & LOADERS

Electric mini-dumpers go where a diesel cannot, narrow, quiet and fumeless; a compact loader takes the heavier outdoor work. Electric wins in access and emissions.

WHAT IT DOES

WHY IT'S USED

WHAT MACHINE?

Moves spoil, aggregate and mixed material around the site and out: carrying, tipping and loading. The electric mini-dumpers, half a tonne and one tonne, are narrow (68 to 96 cm), quiet and zero-emission. They run indoors and go through tight spaces. The Weidemann loader shifts bigger loads outdoors and swaps tools on a quick-hitch.

Clearing dig and break-out spoil from confined or indoor sites. Carrying aggregate, screed and mixed concrete where a barrow is too slow. Loading skips and tipping at the chute. Moving pallets and bagged material across yards and slabs.

Access picks it. Mini-dumper where it's tight or indoor: 68 cm through a doorway at half a tonne, 96 cm at a tonne, both silent and electric. The compact loader outdoors for bigger loads, reversible wheels, a quick-hitch for bucket or forks.

0.5T

1T

LOADER

Electric dumper, 68 cm wide, through a doorway. Silent, zero-emission.

Electric dumper, 96 cm wide, for bigger indoor loads. Zero-emission.

Weidemann compact articulated loader. Outdoor work.



ACCESS FIRST

Access comes before tonnage. Measure the gap the machine must get through, the doorway, gateway or lift, before you pick the size: the half-tonne dumper clears 68 cm, the one-tonne 96 cm, and the loader is an outdoor machine that won't thread an indoor site. Then match the load to the job: an oversized machine you can't get in is no use, an undersized one doing twice the trips is slow and dear. Electric inside, the diesel loader for open ground.

① **Mini-dumper:**

Narrow powered barrow that carries and tips spoil.

① **Articulated:**

Pivots at the middle to turn in tight spaces.

① **Quick-hitch:**

Swaps bucket, forks or other tools fast.

① **Spoil:** waste/dug-out material

PLANT SAFETY

These are mobile plant, run them as such. The General Application Regulations 2007 (*S.I. 299 OF 2007*) cover use of work equipment, roll-over and safe loads. Keep pedestrians clear, watch slope and edge for overturning, and stay inside the rated load. The diesel loader is outdoor only: enclosed, its exhaust is a carbon-monoxide risk.

INDOOR OR OUT

This is where the split earns its place. Inside, in a basement or fit-out or anywhere fume-sensitive, the electric dumpers are the only real answer: silent, zero-emission, doorway-narrow. Outside, with weight to move and distance to cover, the diesel loader is faster and stronger.



Battery Powered

1600 × 660 × 1180 mm



ELECTRIC
0.5T DUMPER

Only 68 cm wide, it's very quiet and emits zero emissions. Its turning radius enables it to go around tight spaces. Operates indoors or outdoors.

DAY 1	€124
+1 DAY	€62
WEEK	€248

MAX SAFE LOAD	500 kg
MAX DUMP HEIGHT	1.2 m
MAX ADMISSIBLE SLOPE	15°
CHARGE TIME	6–7 hours
BATTERY LIFE	8–10 hours
BATTERY	48 V 20 Ah 32 Ah Lead-Acid Battery



Battery Powered

2500 × 960 × 1310 mm

**ELECTRIC
1T DUMPER**

Only 96 cm wide, this machine is very quiet and emits zero emissions. Its turning radius enables it to go where others can't. Operates indoors or outdoors.



DAY 1	€270
+1 DAY	€135
WEEK	€540

MAX SAFE LOAD	1000 kg
POWER OUTPUT	5 kW
BATTERY	400 Ah
UNLADEN WEIGHT	1300 kg
CHARGE TIME	8 hours
BATTERY LIFE	8 hours

1754 × 800 × 1405 mm

Battery Powered



**ELECTRIC
LOADER**

Electric loader. Great for transporting large amounts of material. Runs very quiet. Lasts up to 8 hours on a full charge.

DAY 1	€376
+1 DAY	€94
WEEK	€750



OPERATION	Ride-on
TRAVEL SPEED MAX	0–133.3 m/min
DRIVE MOTOR	Synchronous Motor, 6 kW
CHARGER INPUT	100–240 V
CHARGER OUTPUT	525 A
RECHARGE	8 h
WEIGHT	1000 kg (unladen)
STEERING ANGLE	90°
BUZZER (ADJUSTABLE)	60–80 dB(A)
NOISE LEVEL	65 dB(A)



WEIDEMANN 1350 CX45

Compact articulated wheel loader, 45 hp diesel, reversible wheels for wide or narrow stance, hydraulic quick-hitch.

WEEK

€360



ENGINE	Diesel, hydrostatic 4WD
FUEL TYPE	Diesel
MOTOR	31.4 kW
TRAVEL SPEED	333 m/min
WEIGHT	2740.0 kg
WIDTH	1310 mm
STEERING	Articulated, oscillating rear axle
WIDTH NARROWEST	1040 mm
TIPPING LOAD	2000 kg

07

the

SITE POWER

SITE POWER

190

Transformers

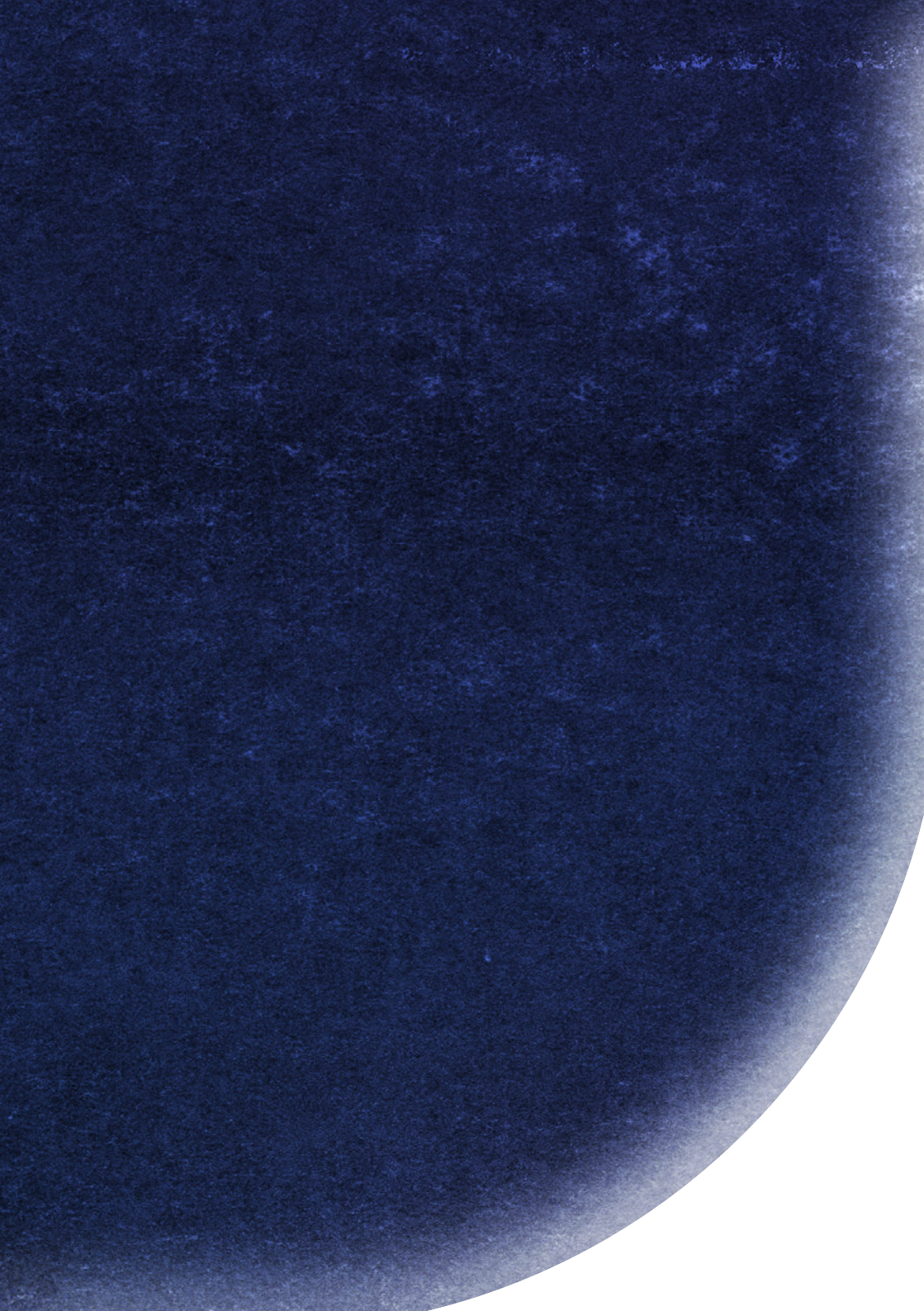
193

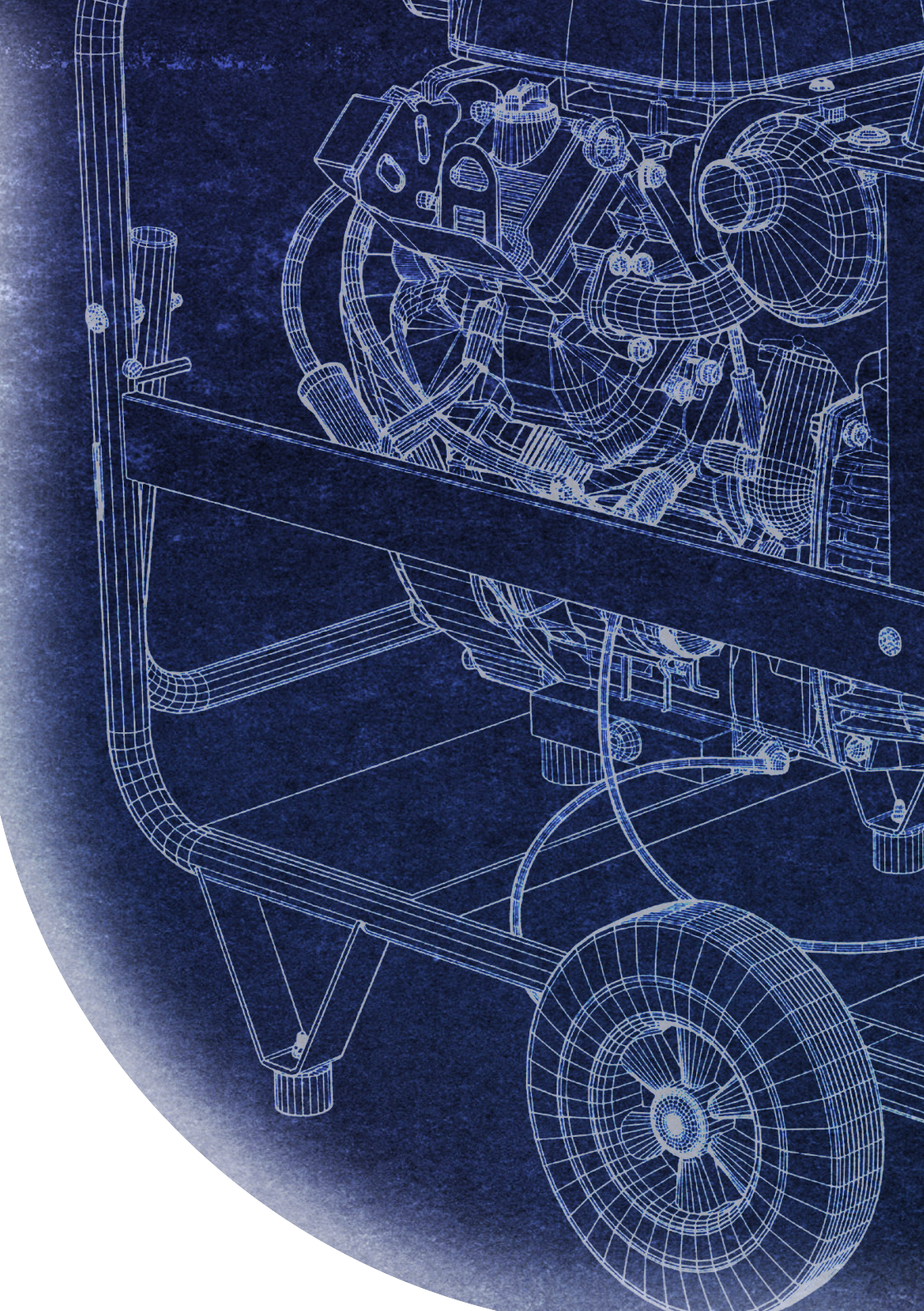
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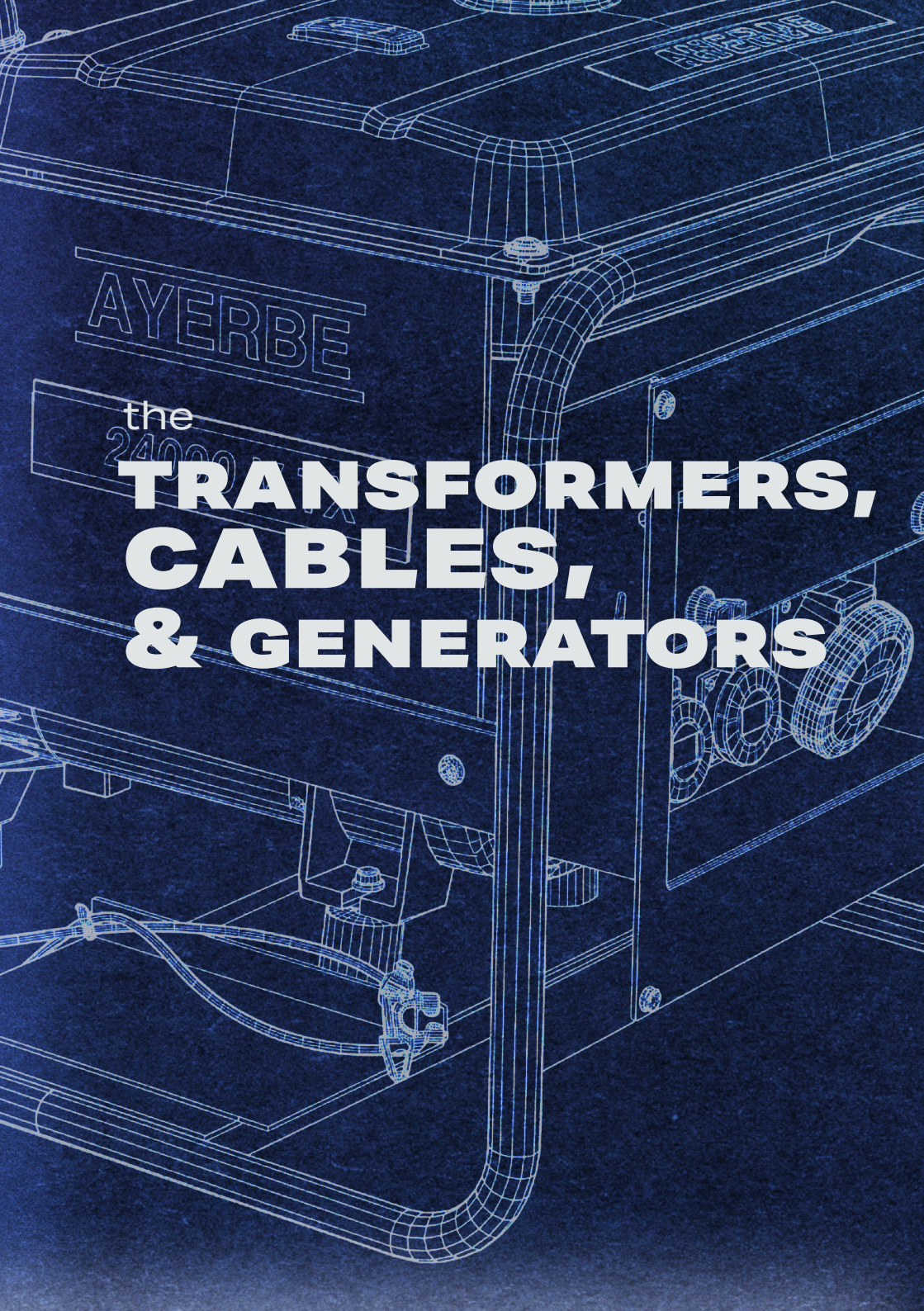
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Generators

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TRANSFORMERS, CABLES, & GENERATORS

Site tools run on 110 V, but the mains on site is 230 V or 400 V, and often nowhere near the work. A transformer drops the mains to 110 V. A generator makes the power where there is no mains. Cable carries it to the tool. Pick a unit big enough for all the tools you run at once.

WHAT IT DOES

Drops mains power to 110 V for site tools, or makes the power where there is no mains. The 3.3 and 5 kVA transformers run on single-phase 230 V and give 110 V for hand tools. The 10 kVA runs on three-phase 400 V and gives 110 V for several tools at once; one version also gives 400 V for the big machines. The Ayerbe generator runs the same tools off-grid.

WHY IT'S USED

110 V is safer if something goes wrong. The supply is earthed at its centre, so the most you can get across a fault is 55 V, not 230 V. Most site tools are built for 110 V and nothing else. If the site has no mains, or not enough, you need a generator. A transformer that is too small for the tools will trip or overheat.

WHAT SIZE?

Add up the tools you will run at the same time, then pick a unit bigger than that. One heavy-duty 32 A tool used on and off, like a breaker or core drill: 3.3 kVA. Two or three smaller 110 V tools: 5 kVA single phase. Several tools at once: 10 kVA three phase. Big 400 V machines: the 10 kVA that also gives 400 V.

3.3 KVA

110 V 3.3 kva transformer for small-medium tools.



5 KVA

Single phase 110 V for a couple of reduced-voltage tools.



10 KVA

Three phase 110 V for a full gang of reduced-voltage tools.



400 V

10 kVA unit supplying both 110 V and 400 V three phase.



SIZE TO THE LOAD

A transformer is rated in kVA, and that rating is a ceiling, not a suggestion. Add up every tool running off it at once and pick a unit that clears the total with headroom: pushed past its kVA, a transformer trips, runs hot, or sags the voltage until the tools stall. And mind start-up: a motor pulls several times its running current for a moment, which is what trips an undersized unit.

WHY 110 V

Site tools run at 110 volts for one reason: shock safety. The supply is centre-tapped to earth, so the most across a fault is 55 volts, not the full 110. That is why the transformer sits between mains and tools. Electricity at work falls under the General Application Regulations 2007 (S.I. 299 OF 2007). Keep leads dry and off traffic routes, RCD the supply, bin a damaged lead.

PHASE AND PLUGS

Match the unit to your mains and the tools you're plugging in. Most 110 V tools take a 16 A plug, heavy ones a 32 A, and the transformer needs an outlet for each. Single phase mains feeds the 2-5 kVA units; the 10 kVA units want three phase in, and one hands you 400 V out.

① **10 kVA:** 400 V supply for big machines, not single phase tools.

① **110 V CTE:** Centre-tapped to earth; a fault tops out at 55 V.

① **kVA:** Measurement of apparent power. Total amount of power used in a system.

① **kW:** Amount of power that is converted into usable output.





TRANSFORMER 3.3 KVA

110 V site power for a single 32 A heavy-duty tool. (2x 16 A available)

DAY 1	€10
+1 DAY	€5
WEEK	€20

VOLTAGE INPUT	230 V
VOLTAGE OUTPUT	110 V
PHASE	1
RATED POWER	3.3 kVA
OUTLETS	• 1 × 32 A
DUTY CYCLE	Intermittent



TRANSFORMER 5 KVA

Single phase 110 V site power for reduced-voltage tools.

DAY 1	€14
+1 DAY	€7
WEEK	€28

VOLTAGE INPUT	230 V
VOLTAGE OUTPUT	110 V
PHASE	1
RATED POWER	5 kVA
OUTLETS	• 2 × 110V 16A, • 1 × 110V 32A
DUTY CYCLE	Intermittent / Continuous



TRANSFORMER 10 KVA · 110/400 V

Mixed 110 V and 400 V site power from a single unit.

DAY 1	€40
+1 DAY	€20
WEEK	€80

VOLTAGE INPUT	400 V
VOLTAGE OUTPUT	110 V / 230 V multi-output
PHASE	3
RATED POWER	10 kVA
OUTLETS	• 4 × 110V/16A, • 2 × 110V/32A, • 2 × 400 V/32A; • 3 P+N+E input; all MCB protected
DUTY CYCLE	Continuous



TRANSFORMER 10 KVA • 110 V

110 V site power for
reduced-voltage tools.

DAY 1	€36
+1 DAY	€18
WEEK	€72

VOLTAGE INPUT	400 V
VOLTAGE OUTPUT	110 V
PHASE	3
RATED POWER	10 kVA
OUTLETS	• 4 × 110V 16A, • 2 × 110V 32A
DUTY CYCLE	Continuous



EXTENSION LEAD 400 V • 25 M • 32 A • 63 A

CONDUCTOR AREA 2.5 MM ²	
DAY 1	€12
+1 DAY	€6
WEEK	€24

CONDUCTOR AREA 4 MM ²	
DAY 1	€14
+1 DAY	€7
WEEK	€28

CONDUCTOR AREA 6 MM ²	
DAY 1	€16
+1 DAY	€8
WEEK	€32



EXTENSION LEAD 230 V • 25 M • 16 A • 32 A

CONDUCTOR AREA 4 MM ²	
DAY 1	€12
+1 DAY	€6
WEEK	€24



EXTENSION LEAD 110 V • 15 M • 16 A • 32 A

CONDUCTOR AREA 2.5 MM ²	
DAY 1	€4
+1 DAY	€2
WEEK	€8

CONDUCTOR AREA 4 MM ²	
DAY 1	€6
+1 DAY	€3
WEEK	€12



AYERBE
AY-24000
V TX E

Site power for heavier three phase kit on off-grid jobs.

DAY 1	€140
+1 DAY	€70
WEEK	€280

FUEL TYPE	Petrol
FUEL USE	4.2 L/h
MAX KVA	24.0 kVA
NOISE LEVEL	99 / 76 @ 7m dB(A)
PHASE	3
RATED KVA	22 kVA
RUNTIME	6.5h
START	Electric
OUTLETS	2x 230 V 1× 3 phase





AYERBE AY-9500 KT MN

DAY 1	€60
+1 DAY	€30
WEEK	€120

Site power for single phase tools on off-grid jobs.



FUEL TYPE	Petrol
FUEL USE	2.1 L/h
MAX KVA	9.5 kVA
NOISE LEVEL	97 / 74 @ 7m dB(A)
PHASE	1
RATED KVA	8 kVA
RUNTIME	3 h
START	Manual
OUTLETS	2x 230 V, 3 phase



AYERBE AY-20000 V TX E

DAY 1	€100
+1 DAY	€50
WEEK	€200

Site power for single and three phase tools off-grid.



FUEL TYPE	Petrol
FUEL USE	3.9 L/h
MAX KVA	20.0 kVA
NOISE LEVEL	99 / 76 @ 7m dB(A)
PHASE	3
RATED KVA	18 kVA
RUNTIME	6.5 h
START	Electric
OUTLETS	2x 230 V 1x, 3 phase



GENERATOR 15 KVA

Site power for heavier three phase kit on off-grid jobs.

DAY 1	€74
+1 DAY	€37
WEEK	€148



AC VOLTAGE:	230V / 400 V 3-phase, 50Hz
CONTINUOUS AC OUTPUT:	14 kW
MAXIMUM AC OUTPUT:	15 kW
DC OUTPUT:	12 V / 8.3 A
ENGINE POWER:	16 kW 997cc
GENERATOR POWER:	15 kW
STARTING SYSTEM:	Electric Start
FUEL CONSUMPTION:	Up to 2.8L/H
NOISE LEVEL:	74 dB(A)
FUEL TANK CAPACITY:	25L
DIMENSIONS:	1200x670x875
WEIGHT:	310.0 kg

OUTLETS	• 1 × 220 V, 32 A • 1 × 380 V
---------	---



GENERATOR 22 KVA

Site power for heavier three phase kit on off-grid jobs.

DAY 1 **€150**

+1 DAY **€75**

WEEK **€300**



AC VOLTAGE: 230V / 400 V,
3-phase, 50 Hz

**CONTINUOUS
AC OUTPUT:** 20 kW

**MAXIMUM AC
OUTPUT:** 21 kW

DC OUTPUT: 12 V / 8.3 A

ENGINE POWER: 22 kW, 1387 cc

**GENERATOR
POWER:** 21 kW

**STARTING
SYSTEM:** Electric Start

**FUEL
CONSUMPTION:** Up to 2.8 L/h

NOISE LEVEL: 74 dB(A)

**FUEL TANK
CAPACITY:** 25 L

WEIGHT: 330 kg

OUTLETS

- 1 × 220 V, 32 A
- 1 × 380 V

that's all,
for now...

REACH OUT

we're ready to help,
always.

www.concretecare.ie +353 1 88 99 000

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Our brand partners

Concrete Care distributes equipment and tooling from specialist suppliers in surface preparation, dust control, and floor finishing.



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FOR A DUST-FREE WORLD

Delfin



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a|r|x®**

Von Arx



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Lavina



Longopac®

Longopac



metabo

Metabo



ADTnS®
Division of Industrial Technology and Service

ADTnS



Ultralite®

UltraLit

The logo for m-tec, featuring the lowercase letters 'm-tec' in a bold, dark blue sans-serif font.

m-tec

The logo for ECOVOLVE, with 'ECO' in green and 'VOLVE' in black, all in uppercase sans-serif font.

ecoplanthire

The logo for NATIONAL FLOORING EQUIPMENT, with 'NATIONAL' in blue and 'FLOORING EQUIPMENT' in a smaller black font below it.

National Flooring
Equipment

The logo for oxyline, featuring a stylized 'o' with a face inside, followed by 'xyline' in a bold, dark blue sans-serif font.

Oxyline

The logo for PAXXO, featuring a stylized 'X' icon followed by the word 'PAXXO' in a bold, black sans-serif font.

Paxxo

The logo for PORTAMIX, with 'PORTAMIX' in red uppercase letters and 'BRAND BY INNOVATION' in smaller black letters below.

Portamix

The logo for REFINA, with the word 'REFINA' in white uppercase letters inside a dark blue rectangular box.

Refina

The logo for Schwamborn, featuring a stylized 'S' icon followed by the word 'Schwamborn' in a black sans-serif font, with a tagline below.

Schwamborn

The logo for SEALEY, with the word 'SEALEY' in white uppercase letters inside a red and blue rectangular box.

Sealey

The logo for BYCON, with the word 'BYCON' in a bold, green sans-serif font.

Bycon

The logo for SOLID, with a small orange square icon followed by the word 'SOLID' in black uppercase letters and 'SOLID TOOLS' in smaller orange letters below.

Solid

The logo for PROXXON, with the word 'PROXXON' in a bold, grey sans-serif font.

Proxxon

The logo for SILVERLINE, with the word 'SILVERLINE' in a stylized blue font.

Silverline

The logo for SoRoTo, with 'SoRoTo' in a bold, black sans-serif font and 'HARD WORKING SINCE 1986' in smaller black letters below.

SoRoTo

The logo for DEWALT, with the word 'DEWALT' in a bold, black sans-serif font inside a yellow rectangular box.

DeWalt

The logo for WOLFF, featuring a stylized 'W' icon followed by the word 'WOLFF' in a black sans-serif font.

Wolff

The logo for BOSCH, with the word 'BOSCH' in a bold, red sans-serif font.

Bosch

The logo for XINGYI, with 'XINGYI' in a bold, black sans-serif font.

Xingyi

The logo for MECHANIC, with 'MECHANIC' in a black sans-serif font and a stylized 'C' icon.

Mechanic

The logo for Makita, with the word 'Makita' in a stylized red font.

Makita

Notes

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Notes



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