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the

MATERIAL HANDLING

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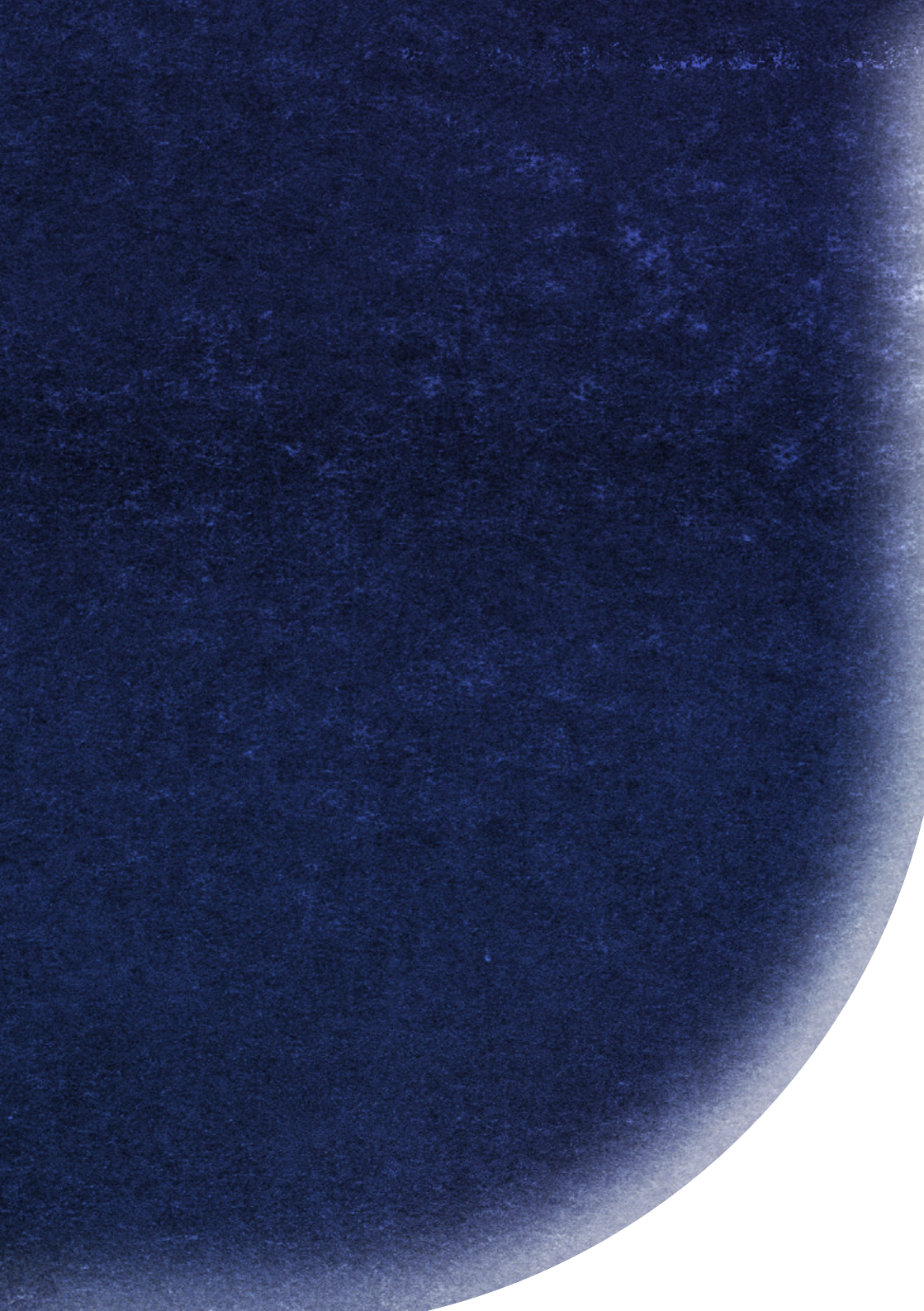
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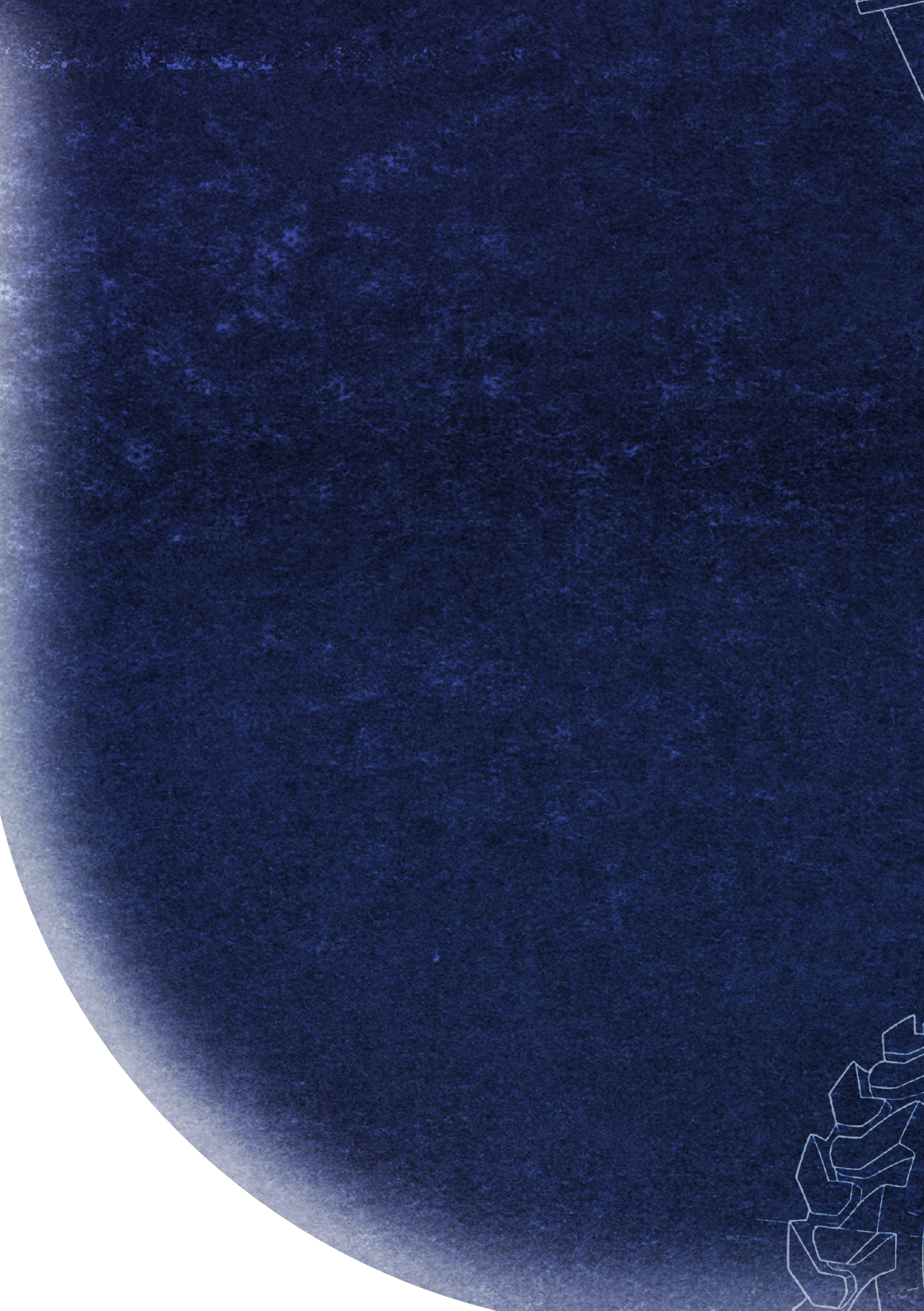
Dumpers

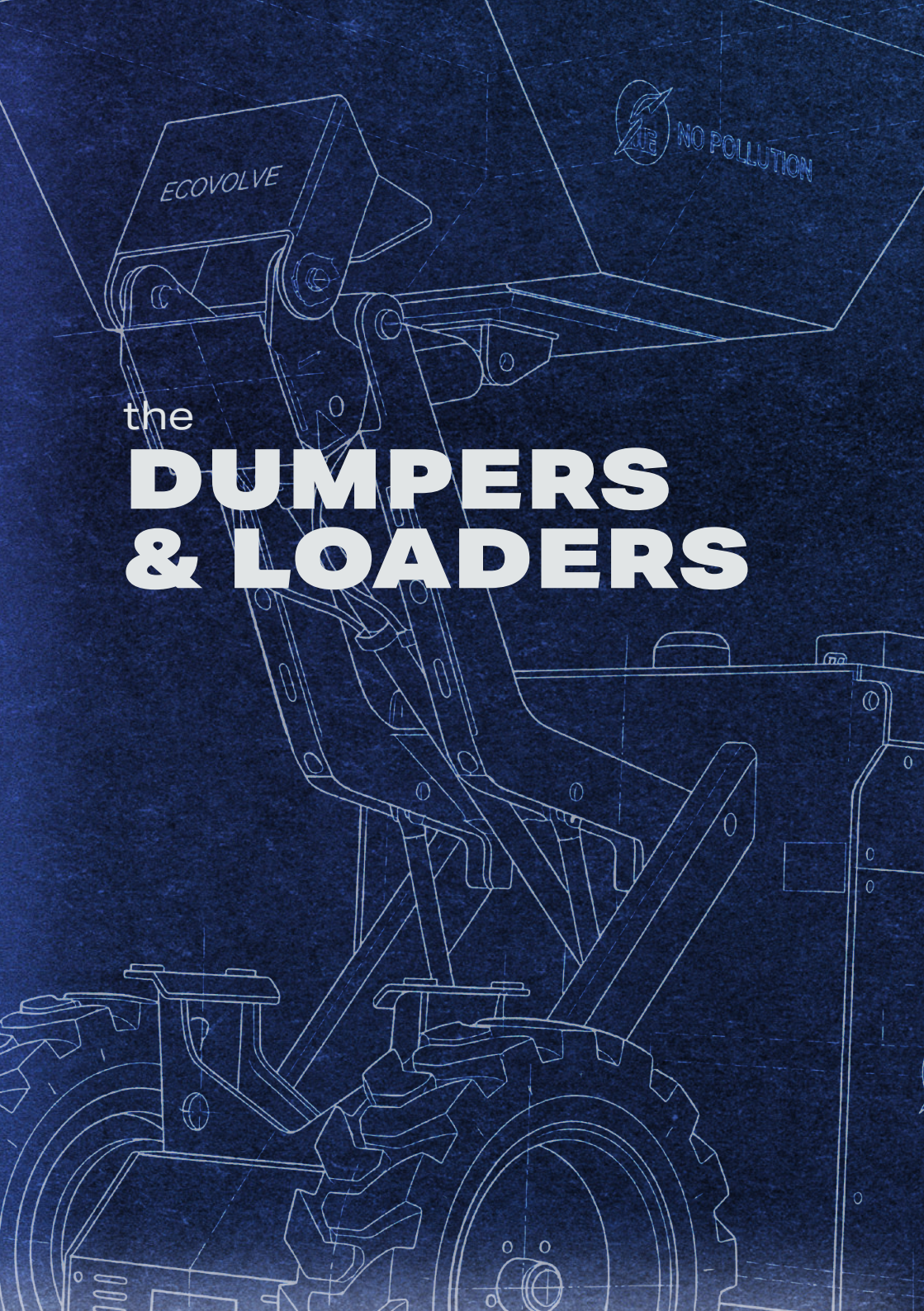
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Loader

188







ECOVOLVE

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