

LIFT HOOKS WITH HIGH LIFTING CAPACITY



TEREX Fuchs Lift Hooks with lifting capacities up to 20 tonnes are primarily used in heavy-duty re-handling. An extensive range of applications makes lift hooks capable of an infinite number of duties.

The TEREX Fuchs range of Lift Hooks is available with standard suspension (rigid or rotating) and quick-change suspension (rigid or rotating).

Lift Hook with standard suspension, rigid or revolving

Machine type	Weight	Max. permissible load according to mechanism group 3 _m
MHL 320	100 kg	10 t
MHL 434	100 kg	10 t
MHL 331	100 kg	10 t
MHL 340	100 kg	10 t
MHL 350	100 kg	10 t
MHL 360	100 kg	10 t

Lift hook
w/ standard suspension

Lift Hook with quick-change suspension, rigid or revolving

Machine type	Weight	Max. permissible load according to mechanism group 3 _m
MHL 320	150 kg	10 t
MHL 430	150 kg	10 t
MHL 331	150 kg	10 t
MHL 340	150 kg	10 t
MHL 350	150 kg	10 t
MHL 360	150 kg	10 t

Lift hook
w/ quick-change suspension

Lift Hook with quick-change suspension, rigid or revolving

Machine type	Weight	Max. permissible load according to mechanism group 1B _m
MHL 350	160 kg	20 t
MHL 360	160 kg	20 t
MHL 460	160 kg	20 t

Lift hook
w/ quick-change suspension

Lift Hook with quick-change suspension, revolving

Machine type	Weight	Max. permissible load according to mechanism group 1B _m
MHL 464	180 kg	20 t
MHL 380	180 kg	20 t

Lift hook
w/quick-change suspension

Range

Work Attachments for Recycling and Loading Machines

WORK ATTACHMENTS



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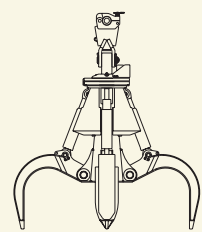
GIVE YOURSELF A REAL LIFT

CACTUS GRABS FOR CONTINUOUS LOADING OPERATIONS

TEREX Fuchs Cactus Grabs are specially designed for scrap handling. With their robust design they are suitable for tough, day-to-day operations. The superior performance of TEREX Fuchs Cactus Grabs is the result of advanced kinematic design, with high tine-closing forces and a power flow perfectly matching the design. The use of high-quality materials also ensures long life. ▶ The grab rotator is an integral part of the upper grab section.

- ▶ Easily serviced.
- ▶ Pressure-relief valve protection of tine-closing cylinders.
- ▶ Cylinder rods and hydraulic lines protected against external damage.
- ▶ Tine-tips made of wear-resistant, high-manganese steel.

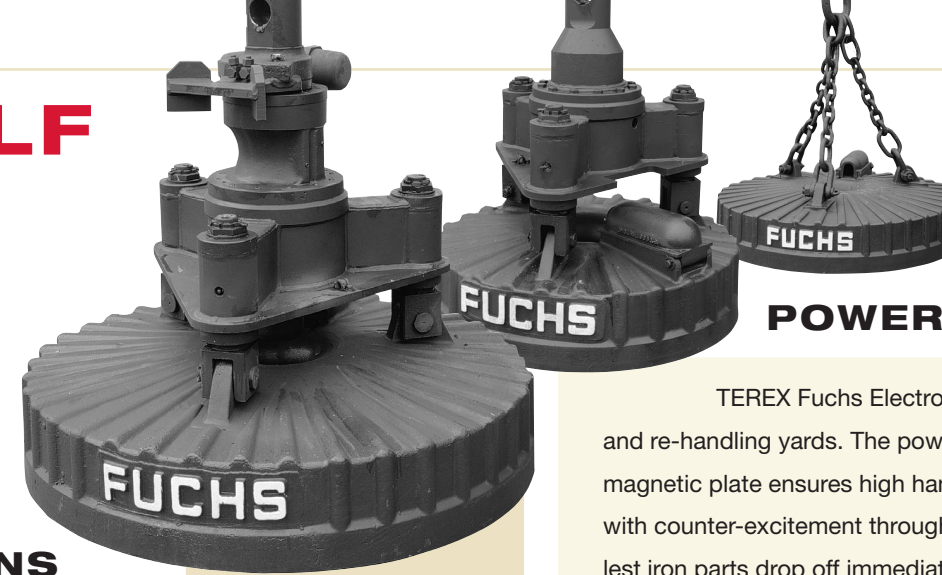
▶ All areas of the grab shells subject to wear are made of HARDOX steel.



Machine type

Machine type	Grab type	Capacity grab open	Height grab closed	Height of grab	Opening width	Weight* open tines	Weight* half-shell tines
MHL 320/ 331	5-tine	0.4 m ³	2020 mm	2350 mm	2030 mm	1360 kg	1460 kg
MHL 340/ 350/ 360	5-tine	0.6 m ³	2050 mm	2500 mm	2360 mm	1490 kg	1610 kg
MHL 350/ 360	5-tine	0.8 m ³	2100 mm	2600 mm	2520 mm	1510 kg	1760 kg
MHL 360 (16.5m)/ 380	5-tine	1.0 m ³	2655 mm	3075 mm	2560 mm	2400 kg	2600 kg
MHL 380	5-tine	1.2 m ³	2710 mm	3170 mm	2740 mm	2470 kg	2700 kg
MHL 380	5-tine	1.4 m ³	2745 mm	3255 mm	2900 mm	2600 kg	2850 kg

* Weights specified incl. quick-change suspension of grabs



MAGNET PLATES FOR POWERFUL AND EFFICIENT OPERATION

TEREX Fuchs Electro-Magnets are designed for operation in scrap and re-handling yards. The powerful field-force over the entire diameter of the magnetic plate ensures high handling capacities. The contactor control operates with counter-excitation through momentary pole reversal, thus even the smallest iron parts drop off immediately.

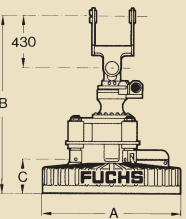
Magnet type	950	1150	1250	1350	1500	1750	2000
Dimensions							
Magnet diameter (A)	950 mm	1150mm	1250mm	1350 mm	1500 mm	1750 mm	2000 mm
Height w/ hydraulic rotator (B)	1503 mm	1488 mm	1513 mm				
Height up to upper fixture (C)	300 mm	285 mm	320 mm	340 mm			
Height rigid magnet (D)	1380 mm	1365 mm	1390 mm				
Height w/ chain suspension (E)	1815 mm	1932 mm	2297 mm	2292 mm			
Height up to chain suspen. point (F)	1023 mm	1140 mm	1505 mm	1500 mm			
Operating data							
Current	16.4 A	24.1 A	31.6 A	37.3 A	39.5 A	71.4 A	90 A
Power	3.6 kW	5.3 kW	6.95 kW	8.2 kW	10 kW	15.7 kW	19.8 kW
Operating voltage	220 V	220 V	220 V	220 V	220 V	220 V	220 V
DC generator (recommended)	9/11 kW	11 kW	13 kW	13 kW	20 kW	30 kW	30 kW

	MHL 320/ 331	MHL 320/ 331	MHL 320 - 350	MHL 320 - 350	MHL 350/ 360	MHL 360/380	MHL 360/ 380
Weights							
Magnet w/ hydraulic rotation	1200 kg	1570 kg	1865 kg				
Magnet, rigid	1010 kg	1380 kg	1660 kg				
Magnet w/ chain suspension	800 kg	1104 kg	1493 kg	1760 kg		3550 kg	5250 kg
Approx. lift force to perm. load capacity							
Scrap type / single blocks	100 kN	120 kN	140 kN	150 kN	196 kN	300 kN	380 kN
Scrap type / drop balls	30 kN	40 kN	50 kN	60 kN	70 kN	80 kN	90 kN
Scrap type / punching scrap	6 kN	7.5 kN	10 kN	12 kN			
Scrap type / ingots	4.6 kN	6.4 kN	8.1 kN	9.5 kN	11 kN	16 kN	20 kN
Scrap type / cast-iron scrap	4 kN	5.2 kN	6.3 kN	7.4 kN	9.5 kN	13.5 kN	18 kN
Prepared scrap, type 24	3.6 kN	4.8 kN	5.2 kN	6.5 kN	8.5 kN	12 kN	15 kN
Steel chips, type 40	1.9 kN	2.4 kN	3 kN	3.6 kN	4.2 kN	7 kN	10 kN

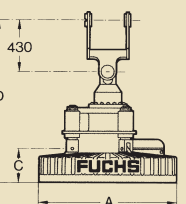
Hydraulically rotating and rigid magnetic plates, and magnet plates with chain suspension are available to meet every application: ▶ Magnet upper-sections are made of special cast alloy. ▶ Magnetic plate is a special "dynamo-steel" casting with a non-magnetizable cast-steel base plate. ▶ The magnetic plate's hollow core reflects the temperature and allows safely picking up drop-balls. ▶ The hydraulic rotator gear, integrated into the upper-section for magnet plates up to a diameter of 1,250 mm, is wear-free and enclosed in a sealed housing. ▶ The magnetic plate is perfectly matched to the DC generator and three-phase AC generator with rectifier.

▶ FUCHS control for generators is perfectly matched to standard duty cycles.

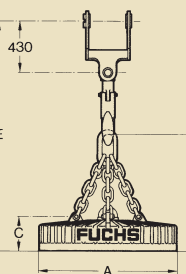
- ▶ For lift hooks used with chain suspension, dimension "E" increases by 340 mm.
- ▶ For magnets with quick-change suspension, overall weight increases by 40 kg.
- ▶ The selection of the magnet plate(s) depends on the size of the generator and exclusively applies to TEREX Fuchs Magnet Plates.



Magnet hydr. rotating



Magnet rigid



Magnet chain suspension

