



DIRKER
RUGGED > AGILE > EVOLUTION

**ALL TERRAIN
LIFTING SOLUTIONS**



DIRKER
> STOCK > LOG HANDLER

Dirker 3DLH Log Handler is the rugged agile simple timber handling solution you are looking for.



> APPLICATION

The Dirker 3DLH Log Handler can skid huge logs and load up to 1.2ton on all terrain from the sand of the Sahara to the snow of Siberia

The Dirker 3DLH Log Handler is used in applications such as

- Mining
- Forestry & Sawmills
- Skid, Load, Stack & Sorting of timber
- Transport

Contact us for more information regarding the applications of the Dirker 3DLH Log Handler

> EVOLUTION

The Dirker Evolution team is always open for ideas and new information to evolve the Dirker 3DLH Log Handler to fit in to your application and needs.

Due to the Dirker Evolution design and manufacturing's teams ability to create solutions, as well as the ability to take any idea from concept to final product extremely fast.

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LOG HANDLER SPEC SHEET

ATTACHMENT		WHEEL DRIVE SYSTEM	
Type	Timber Grapple	Drive Motor	Poclain MS18 2800 cc
Capacity	0.35m ² or 42m ²	Wheel Torque	13300NM Per Wheel
Rotator	12 Ton 45 mm Pin	Wheel RPM	32 RPM @ 2300 Engine RPM
DRIVE PUMP		AUX HYDRAULIC SYSTEM	
Model	PM 50 X 50	Pump	28 cc Gear Pump
Operator Control	Servo Foot Pedal	Operating Pressure	170 Bar
Displacement	45 cc Per Side	Control Valves	1 x Single Left Hand
Relief Valve	280 Bar		1 x Double Right Hand
Hot Oil Shuttle	Pump Internal	Oil Cooler	Electric Fan Cooled
WHEELS		OPERATING MASS	
Front Tyres	18.4 x 30 Logger	Front Unladen	2100 Kg
Front Rims	30" One Piece	Rear Unladen	1850 Kg
Rear Tyres	400/60 X 15.5	Total Unladen	4560 Kg
Rear Rims	15.5 One Piece	Lifting Capacity	1200 Kg
HYDRAULIC & FUEL TANK		BRAKES	
Hyd Tank Type	Frame Tubing Integrated	Park Brake	Multi Disc Spring Applied
Hyd Tank Capacity	145L (170L For System)	Park Brake Release	18 Bar Hydraulic Pressure
Fuel Tank Type	Bolt Mounted on Frame	Park Brake Valve	Mechanical
Fuel Tank Capacity	85L	Service Brake	Hydrostatic Foot Pedal Control
ENGINE			
Make	Deutz F4L912	Mounting	6 Point Rubber Mount
Power	49KW / 230NM @ 1600RPM	Safety	Mechanical Shut Off
RPM	Governed @ 2300RPM		
CABIN			
Type	Frame Integrated	HVAC Cabin	Optional
Protection	Guarded Side Doors	Type	Sealed Fram Integrated
	Front Top Guard	HVAC System	12v Fan, Engine Belt Driven Aircon Compressor
	Front Bottom Guard	Windows	Glazed with Wiper
Seat Belt	Suspended Lap Belt; 4 Point Harness Optional		

