

KÄRCHER

HOLDER S 100/130. ROBUST POWERHOUSES.

Super-strong off-roaders: the Holder S series is designed for year-round use under the toughest conditions.



HOLDER S 100/130



Engine

	Deutz TCD 3.6 four-cylinder common rail turbodiesel
Power	101 HP (75 kW) - 129 HP (96 kW)
Max. torque at 1,600 rpm	302 lbf•ft / 410 Nm
Cubic capacity	3,621 cm ³
Emission standard	Tier 4 Final
Fuel tank	21.6 gal (82 l)

Drive

	Infinitely variable DUAL DRIVE traction drive system (combination of hydrostatic and mechanical drive) with permanent all-wheel drive and electronic load limit control
Speed	Driving speeds 0-25 mph (0-40 km/h) (fast gear)/ 0-25 mph (0-20 km/h) (slow gear); working speeds 0-9 mph (0-15 km/h) (fast gear)/ 0-5 mph (0-8 km/h) (slow gear)
Differential lock	Front and rear mechanical with 100% locking effect
Service brake	Hydraulically activated wet disc brakes, active on all four wheels
Parking brake	Electric parking brake, active on both axles

Front PTO shaft

Speed	Switchable from 540 to 1,000 rpm at 1,700 rpm engine speed
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Hydraulics

Tandem pump volume flow	2 × 19 cm ³ /rev or 11 gpm (43.5 l/min) at 2,611 psi (180 bar), of which 0-10 gpm (0-40 l/min) for implements, can be controlled from the cab, supply and return at the front and rear (optional), circuit independent of steering and lifting functions
Volume flow of implement variable displacement pump	0-32 gpm (0-120 l/min) at 4,061 psi (280 bar), of which 0-26 gpm (0-100 l/min) for implements, can be controlled from the cab, supply and return at the front and rear (optional)
Hydraulic control units	Up to five double-acting control units
Hydraulic couplings	Up to four pairs of couplings at the front/up to three pairs of couplings at the rear
Hydraulic tank	9 gal (34 l) with fill level sensor
Front power lift	CAT II, double-acting, with floating position and vibration damping system, optional electro-hydraulic implement release, hydraulic side and incline adjustment
Lifting force	5,952 lb (2,700 kg)

Weight

	Includes driver of 165 lb (75 kg); depending on tire size and equipment
Unladen weight	6,834 lb (3,100 kg)
Total permissible weight	12,125 lb (5,500 kg)
Permissible axle load	Front: 7,054 lb (3,200 kg) Rear: 7,054 lb (3,200 kg)
Towing capacity	Unbraked: 5,511 lb (2,500 kg) Overrun braked: 9,920 lb (4,500 kg)

Dimensions

	Depending on tires
Wheelbase	72" (1,827 mm)
Total length incl. front power lift	154" (3,920 mm)
Total height	88" (2,233 mm)
Total outer width	53" (1,360 mm)
Turning circle radius outside	120" (3,045 mm)