V420

SKID LOADERS



GEHL®

Capacities		Metric	Imperial
Rated Operating Capacity		1905 kg	4200 lb
Unladen weight		5291 kg	11665 lb
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	4744 mm	187 in
Height to Hinge Pin – Fully Raised	h28	3653 mm	144 in
Overall Height to top of ROPS	h17	2083 mm	82 in
Dump angle at full height	a5	31 °	31 °
Dump height	h29	2921 mm	115 in
Overall length with bucket	l16	4039 mm	159 in
Dump reach - Full height	r6	965 mm	38 in
Rollback at ground	a13	30 °	30 °
Wheelbase	y	1384 mm	54 in
Overall width less bucket	b1	2057 mm	81 in
Bucket Width	e1	2134 mm	84 in
Ground clearance	m4	197 mm	8 in
Overall length - Less Bucket	l2	3124 mm	123 in
Clearance Radius - Front with Bucket	b18	2484 mm	98 in
Clearance Circle - Front without Bucket	b19	1410 mm	56 in
Clearance Circle - Rear	wa1	1880 mm	74 in
Performances			
Travel Speed with Two-Speed Option - Maximum		18.70 km/h	12 mph
Wheels			
Standard tires		14.00x17.5 HD	14.00x17.5 HD
Engine			
Engine brand		Deutz	Deutz
Engine model		TCD 3.6	TCD 3.6
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Gross Power		90 kW	90 kW
Max. torque / Engine rotation		480 Nm / 2200 rpm	354 ft/lbs / 2200 rpm
Battery voltage		12 V	12 V
Starter		4 kW	4 kW
Hydraulics			
Standard flow - Auxiliary hydraulics		114 l/min	30 US gpm
High-Flow Auxiliary Hydraulics – Option		155 l/min	41 US gpm
Tank capacities			
Fuel tank		144 l	38 US gal
Reservoir Capacity Hydraulics		59.80 l	16 US gal
Displacement		3.60 l	0.95 US gal
Noise and vibration			
Environmental noise (LwA)		82.90 dB	82.90 dB
Whole-Body Vibration (ISO 2631-1)		1.09 m/s^2	1.09 m/s^2
Vibration to whole hand/arm		< 1.15 m/s^2	< 1.15 m/s^2

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