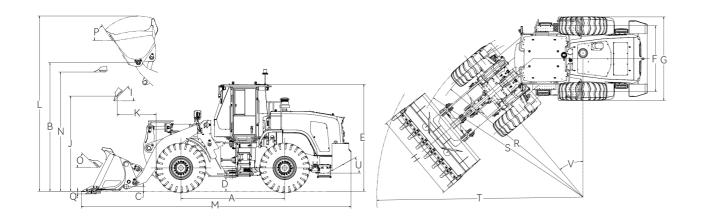


## MAIN SPECIFICATIONS



	Dimension and Specification	Parameter
А	Wheelbase	3650 mm
В	Height: bucket pin	4685 mm
С	Height to hinge pin, level bucket	270 mm
D	Ground clearance	488 mm
Е	Height: ground to cab	3670 mm
F	Wheel track	2400 mm
G	Width: over tyres	3075 mm
Н	Bucket width	3230 mm
I	Dumping angle	45 °
J	Dumping height (high lift)	3435 mm
K	Dump reach (high lift)	1160 mm
L	Max. lifting height	6405 mm
M	Overall length	9450 mm
Ν	Clearance: level bucket 4415 mm	
0	Rack angle at carry	50 °
Р	Rack angle at full lift	55 °
Q	Digging depth	90 mm
R	Turning radius (tyre center)	6215 mm
S	Turning radius: over tyres	6552.5 mm
Т	Turning radius: over bucket	7200 mm
U	Departure angle 27 °	
V	Articulation angle	40 °

Operating Weight   Bucket Capacity   5 m³     Rated Load	Category	Item		Parameter	
Overall Parameter         Rated Load         8500 kg           Max. Breakoul Force         240 kN           Tipping Load         Fully articulated         ≥21000 kg           Overall Voltage         580 V           Rated Power         480 kW           Battery Voltage         580 V           Battery Capacity         906 Ah           AC charging power         320kW           Elc         AC charging power         320kW           Electrical system voltage (low)         24 V           Hydraulic Motor         Amount Type Permanent magnet synchronous motor           Single Rated Output Power Amount Type Permanent magnet synchronous motor         150 kW           Travel Motor Type Rated Output Power Rated Flow System Pressure Sure System Pressure Sure System Pressure Rated Flow System Pressure Rated Flow Rated	Overall	Operating Weight		28730 kg	
Max. Breakout Force		Bucket Capacity		5 m <sup>3</sup>	
Parameter   Tipping   Straight   ≥ 17000 kg   ≥ 18000				8500 kg	
Load   Fully articulated   ≥21000 kg		Max. Break	kout Force	240 kN	
Load   Fully articulated   ≥21000 kg		Tipping	Straight	≥17000 kg	
Overall Voltage				≥21000 kg	
Rated Power		-		580 V	
Battery Voltage				480 kW	
Battery Capacity   906 Ah   AC charging power   320kW		Battery		LFP	
AC charging power   320kW		Battery Voltage		580 V	
Electrical system   Electrical system voltage (low)   24 V				906 Ah	
System   Electrical system voltage (low)   24 V		* ' '		320kW	
Hydraulic Motor   Hydraulic Motor   Hydraulic Motor   Single Rated Output Power   150 kW     Travel Motor   Type   Permanent magnet synchronous motor   150 kW     Travel Motor   Type   Permanent magnet synchronous motor   165 kW     Travel Speed   18/35 km/h   165 kW     Type   Constant pressure hydraulic system     Pump   Internal gear pump   16 transport of the properties of		<u> </u>		24 V	
Motor Single Rated Output Power 150 kW  Travel Motor Type Permanent magnet synchronous motor 2  Type Permanent magnet synchronous motor 165 kW  Travel Speed 18/35 km/h  Brake Distance 18/35 km/h  Brake Distance 26.5–5–25–28 PR  Type Constant pressure hydraulic system  Pump Internal gear pump  Working Hydraulic System  Four Valve Third function multiway valve  System Pressure 20.5 MPa  Total Circle Time \$11 s  Type Four-wheel drive  Front Axle Rear Axle With 10.5° oscillating angle to each side  Reduction Gear Planetary final drive  Differential Conventional differential  Type Flow amplifier load—sensitive steering system  Pump Rated Flow 110L/min  Hydraulic System  Reded Flow 110L/min  Hydraulic System  Pressure 29.5 MPa  Flow amplifier load—sensitive steering system  Internal gear pump  Rated Flow 110L/min  Hydraulic Cylinder 2  System Pressure 19Mpa  Max. Steering Angle 38°  Service Brake Four wheel full hydraulic wet brake			Amount	1	
Single Rated Output Power   150 kW   2			Туре	Permanent magnet synchronous motor	
Travel   Motor   Travel   Rated Output Power   165 kW		IVIOLOI	Single Rated Output Power	150 kW	
Motor   Type   Permanent magnet synchronous motor   Rated Output Power   165 kW			Amount	2	
Travel Speed   18/35 km/h			Type	Permanent magnet synchronous motor	
Driveline       Brake Distance       ≤14 m         Tyre       26.5-5-25-28 PR         Type       Constant pressure hydraulic system         Pump       Internal gear pump         Rated Flow       418 L/min         Control Valve       Third function multiway valve         System Pressure       20.5 MPa         Total Circle Time       ≤ 11 s         Type       Four—wheel drive         Front Axle       Fixed         Rear Axle       With 10.5° oscillating angle to each side         Reduction Gear       Planetary final drive         Differential       Conventional differential         Type       Flow amplifier load-sensitive steering system         Pump       Internal gear pump         Steering       Hydraulic Cylinder         System       2         System Pressure       19Mpa         Max. Steering Angle       38°         Service Brake       Four wheel full hydraulic wet brake		IVIOIOI		165 kW	
Tyre 26.5-5-25-28 PR  Type Constant pressure hydraulic system  Pump Internal gear pump  Rated Flow 418 L/min  System Control Valve Third function multiway valve  System Pressure 20.5 MPa  Total Circle Time \$\leq\$ 11 s  Type Four-wheel drive  Front Axle Rear Axle With 10.5° oscillating angle to each side  Reduction Gear Planetary final drive  Differential Conventional differential  Type Flow amplifier load-sensitive steering system  Pump Rated Flow 110L/min  Hydraulic System Pressure 20.5 MPa  Total Circle Time \$\leq\$ 11 s  Flow amplifier load-sensitive steering system 110L/min  Hydraulic System Pressure 19Mpa  Max. Steering Angle 38°  Service Brake Four wheel full hydraulic wet brake		Travel Spe	eed	18/35 km/h	
Working Hydraulic System       Type       Constant pressure hydraulic system         System       Rated Flow       418 L/min         Control Valve       Third function multiway valve         System Pressure       20.5 MPa         Total Circle Time       ≤ 11 s         Axle       Front Axle       Four—wheel drive         Front Axle       Fixed         Rear Axle       With 10.5° oscillating angle to each side         Reduction Gear       Planetary final drive         Differential       Conventional differential         Type       Flow amplifier load—sensitive steering system         Pump       Internal gear pump         Steering       Hydraulic Cylinder         System       2         System Pressure       19Mpa         Max. Steering Angle       38°         Service Brake       Four wheel full hydraulic wet brake	Driveline	Brake Distance		≤14 m	
Working Hydraulic System       Pump       Internal gear pump         System       418 L/min         Control Valve       Third function multiway valve         System Pressure       20.5 MPa         Total Circle Time       ≤ 11 s         Type       Four-wheel drive         Front Axle       Fixed         Rear Axle       With 10.5° oscillating angle to each side         Reduction Gear       Planetary final drive         Differential       Conventional differential         Type       Flow amplifier load-sensitive steering system         Pump       Internal gear pump         Rated Flow       110L/min         Hydraulic System       2         System Pressure       19Mpa         Max. Steering Angle       38°         Service Brake       Four wheel full hydraulic wet brake		Tyre		26.5-5-25-28 PR	
Hydraulic System  Rated Flow Control Valve System Pressure Total Circle Time  Type Front Axle Rear Axle Reduction Gear Differential Type Flow amplifier load—sensitive steering system Pump Rated Flow Hydraulic System  Rated Flow Steering Hydraulic System  Rated Flow Steering Hydraulic System  Rated Flow Atle		-		Constant pressure hydraulic system	
Hydraulic System  Rated Flow Control Valve System Pressure Total Circle Time  Type Front Axle Rear Axle Reduction Gear Differential Type Flow amplifier load—sensitive steering system Pump Rated Flow Hydraulic System  Rated Flow Fixed With 10.5° oscillating angle to each side Planetary final drive Conventional differential Type Flow amplifier load—sensitive steering system Pump Rated Flow Hydraulic System System Pixed Flow amplifier load—sensitive steering system Pump Rated Flow Hydraulic System Four wheel full hydraulic wet brake Four wheel full hydraulic wet brake	Working			Internal gear pump	
System         Control Valve       Third function multiway valve         System Pressure       20.5 MPa         Total Circle Time       ≤ 11 s         Axle       Type       Four-wheel drive         Front Axle       Fixed         Rear Axle       With 10.5° oscillating angle to each side         Reduction Gear       Planetary final drive         Differential       Conventional differential         Type       Flow amplifier load-sensitive steering system         Pump       Internal gear pump         Rated Flow       110L/min         Hydraulic       Yelnet         System Pressure       19Mpa         Max. Steering Angle       38°         Service Brake       Four wheel full hydraulic wet brake		·		418 L/min	
System Pressure         Total Circle Time       ≤ 11 s         Type       Four—wheel drive         Front Axle       Fixed         Rear Axle       With 10.5° oscillating angle to each side         Reduction Gear       Planetary final drive         Differential       Conventional differential         Type       Flow amplifier load—sensitive steering system         Pump       Internal gear pump         Rated Flow       110L/min         Hydraulic Cylinder       2         System Pressure       19Mpa         Max. Steering Angle       38°         Brake       Four wheel full hydraulic wet brake		Control Valve		Third function multiway valve	
Total Circle Time   Type Four—wheel drive  Front Axle Fixed  Rear Axle With 10.5° oscillating angle to each side  Reduction Gear Planetary final drive  Differential Conventional differential  Type Flow amplifier load—sensitive steering system  Pump Internal gear pump  Rated Flow 110L/min  Hydraulic System  Rystem Pressure 19Mpa  Max. Steering Angle Service Brake Four wheel full hydraulic wet brake				-	
Front Axle  Rear Axle  Reduction Gear  Differential  Type  Pump  Steering Hydraulic System  Pixed  Fixed  With 10.5° oscillating angle to each side  Planetary final drive  Conventional differential  Flow amplifier load–sensitive steering system  Plump  Internal gear pump  Rated Flow  Hydraulic Cylinder  System  Pump  Rated Flow  110L/min  Hydraulic Cylinder  2  System Pressure  Max. Steering Angle  Service Brake  Four wheel full hydraulic wet brake					
Axle Rear Axle With 10.5° oscillating angle to each side Reduction Gear Planetary final drive  Differential Conventional differential  Type Flow amplifier load—sensitive steering system Pump Internal gear pump  Rated Flow 110L/min  Hydraulic Cylinder 2  System Pressure 19Mpa  Max. Steering Angle 38°  Service Brake Four wheel full hydraulic wet brake	Axle	Type		Four-wheel drive	
Reduction Gear Differential Type Flow amplifier load-sensitive steering system Pump Pump Rated Flow Hydraulic System Pystem Pystem Pystem Pump Rated Flow Flow amplifier load-sensitive steering system Internal gear pump 110L/min Hydraulic Cylinder 2 System Pressure Max. Steering Angle Service Brake Four wheel full hydraulic wet brake				Fixed	
Differential  Type Flow amplifier load-sensitive steering system Pump Internal gear pump Rated Flow Hydraulic System Flow amplifier load-sensitive steering system Internal gear pump 110L/min Hydraulic Cylinder System Pressure Max. Steering Angle Service Brake Four wheel full hydraulic wet brake		Rear Axle		With 10.5° oscillating angle to each side	
Type Flow amplifier load-sensitive steering system Pump Internal gear pump  Rated Flow 110L/min  Hydraulic System Pressure 19Mpa Max. Steering Angle 38°  Service Brake Four wheel full hydraulic wet brake		Reduction Gear		Planetary final drive	
Steering Hydraulic System  Pump Rated Flow Hydraulic Cylinder System System Pressure Max. Steering Angle Service Brake  Pump Internal gear pump 110L/min 2 2 3 3 5 System Pressure 19Mpa 38° Four wheel full hydraulic wet brake		Differential		Conventional differential	
Steering Hydraulic System  Pump Rated Flow Hydraulic Cylinder System System Pressure Max. Steering Angle  Service Brake  Internal gear pump 110L/min 2 2 3 3 5 System Pressure 19Mpa 38° Four wheel full hydraulic wet brake	Hydraulic	Туре		Flow amplifier load-sensitive steering system	
Hydraulic System  Hydraulic Cylinder  System Pressure  Max. Steering Angle  Service Brake  Hydraulic Cylinder  2  19Mpa  38°  Four wheel full hydraulic wet brake				Internal gear pump	
Hydraulic System  Hydraulic Cylinder  System Pressure  Max. Steering Angle  Service Brake  Hydraulic Cylinder  2  19Mpa  38°  Four wheel full hydraulic wet brake		Rated Flow		110L/min	
Max. Steering Angle 38°  Service Brake Four wheel full hydraulic wet brake		Hydraulic Cylinder		2	
Service Brake Four wheel full hydraulic wet brake		System Pressure		19Mpa	
Brake		Max. Steering Angle		38°	
Parking Brake Spring applied/ Hydraulic release	Brake	Service Br	ake	Four wheel full hydraulic wet brake	
Spring applicar rigardano rolodos		Parking Brake		Spring applied/ Hydraulic release	