

Main performance characteristics

- ◆ Dual-pump and double-circuit open system completed with HUSCO&REXROTH hydraulic valves and EATON hydraulic locks, making the blade control more flexible and reliable.
- ◆ Equipped with special grader rear axle assembly, with built-in imported NO-SPIN differential.
- ◆ Equipped with the slewing gear ring and blade guide rail of new structure, facilitating the service and maintenance.
- ◆ Strong structural strength with the reinforced front axle.
- ◆ Streamline engine hood with a novel and unique shape ensures easy maintenance and heat dissipation.
- ◆ Hydraulic 11 teeth scarifier and rear ripper.



Main technical specifications

Description		Unit	LT3165C	LT3180C	LT3200C	LT3220C
Engine	Brand		MASTER	MASTER	MASTER	MASTER
	Type		Diesel 6 cylinder 4 stroke displacement 9.6 L water cooled EURO2			
	Rated power	kW/HP	132 / 180	132 / 180	160 / 215	179 / 240
	Rated speed	rpm	2200	2200	2200	2200
Hydraulic Blade	Height x String height	mm	3660 x 610	3965 x 610	3965 x 610	4270 x 610
	Reversing angle	°	360	360	360	360
	Max.blade angle	°	90	90	90	90
	Slide, lift and tip	mm	•	•	•	•
	Drive type		Motor+Wormcase	Motor+Wormcase	Motor+Wormcase	Motor+Wormcase
Front Axle	Wheel Lean Angle	°	± 17	± 17	± 17	± 17
	Mid Hydraulic Steering	°	± 45	± 45	± 45	± 45
	Oscillation Angle	°	± 15	± 15	± 15	± 15
	Ground Clearance	mm	630	630	630	630
Transmission	Type		Power shift	Power shift	Power shift	Power shift
	Number ofgears		F6 / R3	F6 / R3	F6 / R3	F6 / R3
	Forward speed	km/h	4.9、7.6、12.3	5、8.7、11.4	5.1、8.7、11.4	5.0、8.7、11.4
			18.5、26.8、40.1	19.3、23.6、40.1	19.5、24.1、40.1	19.3、23.9、40.1
	Reverse speed	km/h	4.9、12.3、26.8	5、11.4、23.6	5.1、11.4、24.1	5.0、11.4、24.1
	Drive type	KN	Rear-axle drive	Rear-axle drive	Rear-axle drive	Rear-axle drive
	Max.traction force		≤80	≤84	≤88	≤92
	Tire spec	MPa	17.5—25PRI2	17.5—25PRI2	17.5—25PRI2	17.5—25PRI2
	Brake		Drum brake and parking brake			
Basic Total Weight		kg	14500	15500	16200	17000
Systemvoltage			DC 24V	DC 24V	DC 24V	DC 24V
Max.gradeability		°	20	20	20	20
Min.Turning Radius		mm	7900	8000	8300	8300
Wheel base		mm	6100	6100	6100	6100
Full Overall Dimensions(L x WxH)		mm	10330 x 2750 x 3390	10530 x 2750 x 3390	10850 x 2750 x 3390	10900 x 2750 x 3390