

LOVOL

CUMMINS QSK19 GROSS POWER 450KW(604HP)@1800rpm OPERATING WEIGHT 70630KG

LOVOL FD600 LOVOL CONSTRUCTION MACHINERY CO., LTD. ADDRESS: No. 75, Huanghe East Road, Huangdao District, Qingdao City, Shandong Province, China.

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FD600 TECHNICAL PARAMETERS **BULLDOZER SERIES**

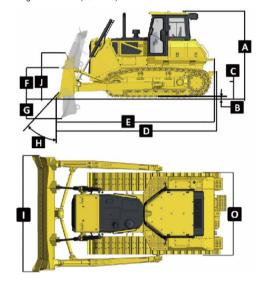
Γ'n	ENGINE		FD600
~	Engine		Cummins QSK19
	Emission		China-III
	Rated revolution		
			1800rpm
	Gross power		450kW(604hp)@1800rpm
	Net power		438kW(588hp)@1800rpm
	Number of cylinder	-bore×stroke	6-159mm*159mm
	Displacement		19L
	Max. torque		3019N.m@1300rpm
	Cooling system		Smart hydraulic control fan
69	DRIVE SYSTEM		FD600
	Drive system		Torqflow transmission consists of a water- cooled, 3-element, 1-stage, 1-phase torque converter with lockup clutch and a planetary gear, multiple-disc clutch transmission which is hydraulically-actuated and force-lubricated for optimum heat dissipation. Gearshift lock lever and neutral safety switch help prevent accidental starts.
	System overflow p	oressure	-
		Forward	0-3.8/0-6.8/0-11.8km/h
	Traveling speed	Backward	0-5.1/0-9.2/0-15.8km/h
	Max. theoretical tra	ction force	588kN
	Torque converter		3-element, 1-stage, 1-phase with lockup clutch
	Transmission		Planetary gear, multiple-disc clutch, hydraulically actuated and force-lubricated
	Steering clutch		Wet, multiple-disc steering clutches are spring- actuated loaded and hydraulically released.
	Brake clutch		Wet, multiple-disc brakes are spring-actuated
			and hydraulically released.
	Final drive		and hydraulically released. Primary spur gear + primary planetary reduction
	Final drive	Λ	
⊢		Λ	Primary spur gear + primary planetary reduction
→	CHASSIS SYSTEM	Λ	Primary spur gear + primary planetary reduction FD600 Oscillation with equalizer bar and forward
•	CHASSIS SYSTEM	Λ	Primary spur gear + primary planetary reduction FD600 Oscillation with equalizer bar and forward mounted pivot shafts , unique K- type bogies
->	CHASSIS SYSTEM Type Track shoe type		Primary spur gear + primary planetary reduction FD600 Oscillation with equalizer bar and forward mounted pivot shafts , unique K- type bogies Single grouser
→	CHASSIS SYSTEM Type Track shoe type Track gauge Width of track shoe		Primary spur gear + primary planetary reduction FD600 Oscillation with equalizer bar and forward mounted pivot shafts , unique K- type bogies Single grouser 2500mm
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-1	BLADE	FD600
	Blade type	Semi-U blade(heavy duty)
	Blade capacity	18.9m³
<u>.</u>	DIMENSION	FD600
A	Machine height (without ROPS)	4370mm
В	Track grouser height	93mm
С	Ground clearance	610mm
D	Machine length (without draw bar)	10390mm
Е	Machine length (with draw bar)	-
F	Max. lifting height of blade	1660mm
G	Max. digging depth of blade	715mm
Н	Digging angle of blade	55°
I	Blade width	4690mm
J	Blade height	2250mm

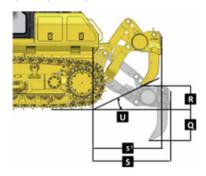
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Width from end of left track shoe 0 3110mm to end of right track shoe (standard)

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ı#	PARAMETER OF RIPPER	FD600
	Туре	Single shank ripper
	Weight	3946kg
Q	Max. ripping depth	1435mm
R	Max. lifting height	1105mm
S	Ripper length (at deepest ripping)	2928mm
	Ripper width	1600mm
	Departure angle (at highest lifting)	45.6°





* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTU AL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.