



Al-Barghash Tower Prince Turkey Street Al Khobar Saudi Arabia

MOMAC KOTAI

BULLDOZER KBD220

As manufacturer, **KOTAI** has right to constantly upgrade and improve our products without informing to customers. The pictures in literatures are for reference only, the detailed specifications are subject to real products.



BULLDOZER
KBD220

BULLDOZER KBD220

TECHNICAL PARAMETER

COMPONENT	ITEM	DESCRIPTION
01ENGINE	Model & type	CUMMINS NT855-C280S10
	Rated power	162 kW
	Number of cylinders	6 - 139.7x152.4 [borexstroke]
	Piston displacement	14.01 L
	Min. fuel consumption	205g / kW·h
02TRANSMISSION	Maximum torque	1030N.m 1250rpm
	Torque converter	3-element, 1 stage, 1 phase
	Transmission	Planetary gear, multi-disc clutch, power shift, forced lubrication
	Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction
	Steering clutch	Wet, multi-disc, spring loaded, hydraulically separated
	Steering brake	Wet, floating band, foot brake with hydraulic booster
	Final drive	2-stage speed reduction of spur gear, splash lubrication



COMPONENT	ITEM	DESCRIPTION
03TRAVEL SPEED	Driving speed [Forward]	1st:0-3.6 km/h 2nd:0-6.5 km/h 3rd:0-11.2 km/h
	Driving speed [Reverse]	1st:0-4.3 km/h 2nd:0-7.7 km/h 3rd:0-13.2 km/h
04CARRIAGE SYSTEM	Type	Swing type of sprayed beam, suspended structure of equalizer bar
	Carrier rollers	2 each side
	Track rollers	6 each side
	Track type	Assembled, single-grouser
	Width of track shoes	560 mm
05HYDRAULIC SYSTEM	Pitch	216 mm
	Maximum pressure	14 MPa
	Pump type	Gear pump
	Discharge	262 L/min
	Bore of working cylinder	120 mmx2



BLADE TYPE

SPECIFICATION	STRAIGHT-TILT	ANGLE	SEMI-U-BLADE
Dozing capacity	6.4 m³	4.7 m³	7.5 m³
Efficiency (Theoretical value 40m)	330 m³/h	245 m³/h	365 m³/h
Blade width	3725 mm	4365 mm	3725 mm
Blade height	1315 mm	1055 mm	1374 mm
Maximum drop below ground	538 mm	535 mm	540 mm
Maximum tilt adjustment	> 735 mm	> 500 mm	> 755 mm
Weight of blade	2830 kg	3254 kg	3419 kg

STRAIGHT-TILT



ANGLE



SEMI-U-BLADE



RIPPER [OPTIONAL]

SPECIFICATION	DESCRIPTION
Maximum digging depth of 3-shank ripper	666 mm
Maximum lift above ground	555 mm
Weight of 3-shank ripper	2495 kg
Maximum digging depth of single ripper	695 mm
Maximum lift above ground	515 mm
Weight of single ripper	2453 kg

3-SHANK RIPPER



SINGLE RIPPER

PRODUCT PHOTOS

BULLDOZER KBD220

