

INNOVATION
LEADS TO VALUE



SD160Y-4 BULLDOZER

◆ Rated power:132kW ◆ Weight:17000kg ◆ L×W×H:4990×3450×3190 mm



hubungi :
Hari Primadian Adenan 📞
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Main configuration

Weichai China National Standard 2
Pipe type radiator
Engine hood
Hexgon cab (front and rear wiper, rearview mirror, fan)
Direct tilt blade type blade device
510mm track
Rear-mounted air conditioning with both cooling and heating functions
Rear working traction frame



Optional configuration

Heating device	Three-teeth ripper	Eight-legged logging
ROPS cabin	Angle blade	Oil bath air filter
tube-and-fin enhanced enlarged radiator	Half-blade	Three-level air filter (Made in China or Cyclon)
Cooling start	U-blade	Optional extreme cold version for dozer:
Enlarged radiator	Environmental blade	Ether cooling start
Centralized lubrication	560mm/610mm track	Fuel heating (Made in China or German Eberspächer)
Liquid crystal display screen	Hydraulic winch	Dual-layer glass cab
Reverse image	Six-legged logging	

TECHNICAL PARAMETERS



Parameters and performance of the main machine

ENGINE	Model	WEICHAI WD10G178E25
	Type	water-cooled, in-line, 4-stroke injection direct
	Rated power	132kW/1850rpm
	Max. torque	765 N·m/1300 rpm
	Number of cylinders-bore × stroke	6-126 × 130mm
	Starting method	Starting motor 24V, 7.5kW
	Battery	24V(12V × 2)-120Ah
	Air filter	Dry type, pre-cleaned cyclone air cleaner
	Min fuel consumption ratio	214g/kw·h
TRANSMISSION SYSTEM	Torque converter	3-elements, single-stage, single-phase
	Transmission	Hand-operated, Hydraulic shift, Planetary gear, multiple disc clutch, forced lubrication by gear pump
	Bevel gear	Helical bevel gear, Splash lubricated
	Steering clutch	Wet, Multiple disc, Spring loaded, Hand-operated with booster and hydraulic-released
	Steering brake	Wet, band brake, operated with hydraulic booster
	Final drive	double reduction, splash lubricated
BRAKING SYSTEM	Driving rollers	Segmented
	Number of track rollers(each side)	6/7
	Track tension	Hydraulic-adjusted
	Driving rollers, Track rollers, Carrier rollers, Idle rollers	Floating seals
TRAVEL SPEED	Forward	3.3/5.8/9.6 km/h
	Reverse	4.3/7.6/12.5 km/h

Parameters and performance of the main machine

HYDRAULIC SYSTEM OF WORK EQUIPMENT	Working pressure	14Mpa
	Rated flow (1850r/min)	213L/min
	Pump	Gear pump
	Control valve	Hand-operated plunger
WORK EQUIPMENT	Blade type	Straight tilt blade
	Width	3455mm
	Height	1149mm
	Max. drop below ground	540mm
	Max. Tilt	400mm
	Blade capacity	4.5m³
TRACK	Type	Sealed and lubricating single grouser or sealed single grouser
	Track pitch	203.2mm
	Track width	510mm/560mm/610mm
	Number of track shoes(each side)	37
	Length of track on ground	2430mm
	Ground clearance	400mm
	Track gauge	1880mm
RIPPER	Type	3 SHANK RIPPER
	Max. dig below ground	572mm
	Max. lift above ground	592mm
	Weight	1709kg



INNOVATION
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SD220Y-4 BULLDOZER

◆ Rated power:175kW ◆ Weight:17000kg ◆ L×W×H:5420×3725×3480 mm



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Main configuration

Weichai China National Standard 2

Pipe type radiator

Engine hood

Hexgon cab
(front and rear wiper, rearview mirror, fan)

Direct tilt blade type blade device

560mm track

Rear-mounted air conditioning
with both cooling and heating functions

Rear working traction frame



Optional configuration

Heating device

ROPS cabin

Tube-and-fin
enhanced enlarged radiator

Cooling start

Enlarged radiator

Centralized lubrication

Liquid crystal display screen

Reverse image

One-teeth ripper

Angle blade

Half-blade

U-blade

Environmental blade

560mm/610/660mm track

Hydraulic winch

Six-legged logging

Eight-legged logging

Oil bath air filter

Three-level air filter
(Made in China or Cyclon)

**Optional extreme
cold version for dozer:**

Ether cooling start

Fuel heating (Made in China
or German Eberspächer)

Dual-layer glass cab

TECHNICAL PARAMETERS



SD220Y-4

Parameters and performance of the main machine

ENGINE	Model	Commins NTA855-C280S10
	Type	water-cooled, in-line, 4-stroke injection direct
	Rated power	175kW/1800rpm
	Max. torque	1030 N·m/1800 rpm
	Number of cylinders-bore × stroke	6-139.7 × 152.4mm
	Starting method	Starting motor 24V, 11kW
	Battery	24V(12V × 2)-120Ah
	Air filter	Dry type, pre-cleaned cyclone air cleaner
	Min fuel consumption ratio	205g/kw·h
TRANSMISSION SYSTEM	Torque converter	3-elements, single-stage, single-phase
	Transmission	Hand-operated, Hydraulic shift, Planetary gear, multiple disc clutch, forced lubrication by gear pump
	Bevel gear	Helical bevel gear, Splash lubricated
	Steering clutch	Wet, Multiple disc, Spring loaded, Hand-operated with booster and hydraulic-released
	Steering brake	Wet, band brake, operated with hydraulic booster
	Final drive	double reduction, splash lubricated
BRAKING SYSTEM	Driving rollers	Segmented
	Number of track rollers(each side)	6
	Track tension	Hydraulic-adjusted
	Driving rollers, Track rollers, Carrier rollers, idle rollers	Floating seals
TRAVEL SPEED	Forward	3.6/6.5/11.2 km/h
	Reverse	4.3/7.7/13.2 km/h

Parameters and performance of the main machine

HYDRAULIC SYSTEM OF WORK EQUIPMENT	Working pressure	14Mpa
	Rated flow (1850r/min)	262L/min
	Pump	Gearpump
	Control valve	Hand-operated plunger
WORK EQUIPMENT	Blade type	Straight tilt blade
	Width	3725mm
	Height	1315mm
	Max.drop below ground	540mm
	Max.Tilt	735mm
	Blade capacity	6.4m ³
TRACK	Type	Sealed and lubricating single grouser or sealed single grouser
	Track pitch	203.2mm
	Track width	560mm/610mm/660mm
	Number of track shoes(each side)	38
	Length of track on ground	2430mm
	Ground clearance	405mm
	Track gauge	2000mm
RIPPER	Type	3 SHANK RIPPER
	Max.dig below ground	666mm
	Max.lift above ground	515mm
	Weight	2900kg

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