

KOMATSU

D475A-8

EU Stage V Engine

CRAWLER DOZER

PRELIMINARY



D475

ENGINE POWER

Forward:
697 kW / 934 HP @ 2.000 rpm
Reverse:
777 kW / 1.040 HP @ 2.000 rpm

OPERATING WEIGHT

112.620 kg

BLADE CAPACITY

Semi-U blade: 27,2 m³
U blade: 34,4 m³

Walk-Around

D475A-8



Images may display optional equipment or specifications not available in your area.



OUTSTANDING PRODUCTIVITY, RELIABILITY & DURABILITY

Powerful and Environmentally Friendly

- NEW** • Fuel efficient high performance Komatsu SAA12V140E-7 engine
- NEW** • EU Stage V compliant
- NEW** • Torque converter with auto lockup
- NEW** • Selectable working modes
- NEW** • Adjustable idle shutdown

First-Class Operator Comfort

- NEW** • Fully adjustable air-suspended seat
- NEW** • Wide, spacious cab with excellent visibility
- NEW** • Superior visibility on blade and ripper

State-of-the-Art Controls

- NEW** • High resolution LCD colour monitor
- NEW** • Gearshift preset function
- NEW** • Automatic blade pitch and ripper return

Reliability & Maintenance Features

- NEW** • Sturdy, rugged design
- Modular power train
- Central service points
- NEW** • Reversible radiator fan

Safety Features

- NEW** • Rear-view camera system
- NEW** • Secondary engine shutdown switch
- NEW** • Emergency stop buttons
- NEW** • Operator sensing system
- NEW** • Seat belt caution indicator
- NEW** • Power ladder

KOMTRAX PLUS

- NEW** • Increased operational data and fuel savings



A maintenance program for
Komatsu customers

Engine

Model	Komatsu SAA12V140E-7
Type	4-cycle, water-cooled, direct injection, turbocharged, air-to-air charge air cooler, cooled EGR
Engine power	
at rated engine speed	2.000 rpm
SAE J1995	Forward: 697 kW / 934 HP Reverse: 777 kW / 1.040 HP
ISO 9249 / SAE J1349* (net engine power)	Forward: 664 kW / 890 HP Reverse: 722 kW / 968 HP
No. of cylinders	12
Bore × stroke	140 × 165 mm
Displacement	30,48 l

TORQFLOW TRANSMISSION

Type	Komatsu TORQFLOW
Torque converter	3-element, 1-stage, 1-phase, water-cooled, automatic lock-up
Transmission	Planetary gear, multiple-disc clutch hydraulically actuated, force-lubricated
Gearshift lock lever and neutral safety switch prevent accidental starts.	

UNDERCARRIAGE

Suspension	Oscillating equaliser bar with shoulder pad and pivot shaft
Track roller frame	Cylindrical, high-tensile-strength steel construction
K-Bogie undercarriage	Lubricated track rollers are resiliently mounted on the track frame with a bogie suspension system
Tracks	Lubricated tracks, fully sealed
Shoe width (standard)	710 mm
Ground contact area	64.240 cm ²
Track rollers (each side)	8
Carrier rollers (each side)	2

RIPPER EQUIPMENT

Multishank ripper	
Type	Hydraulically controlled parallelogram ripper
No. of shanks	3
Maximum digging depth	1.210 mm
Giant ripper	
Type	Hydraulically controlled variable parallelogram ripper
No. of shanks	1
Maximum digging depth	1.845 mm

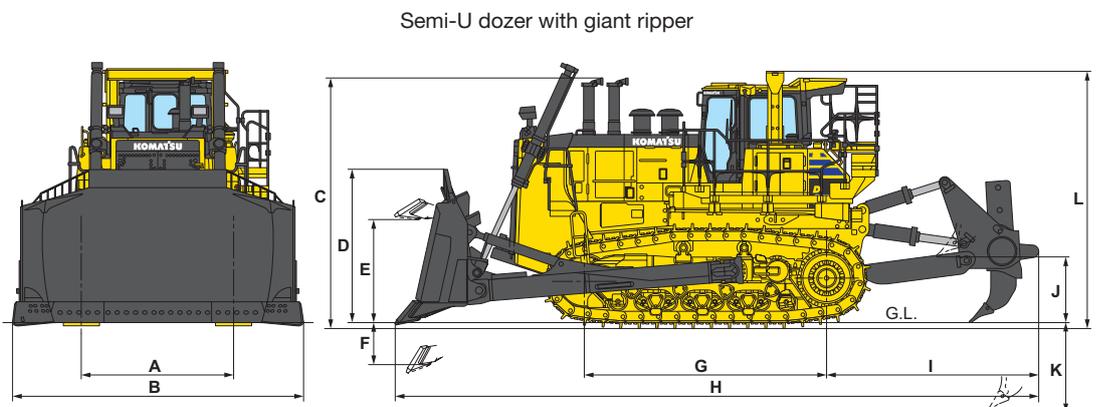
DOZER EQUIPMENT

	Overall length with blade	Blade capacity	Blade width × height	Max. lift above ground	Max. drop below ground	Max. tilt adjustment	Additional weight
Strengthened dual tilt Semi-U dozer	8.730 mm	27,2 m ³	5.265 mm × 2.690 mm	1.650 mm	900 mm	1.145 mm	18.300 kg
Strengthened dual tilt U dozer with spill guard	9.205 mm	34,4 m ³	6.205 mm × 2.610 mm	1.650 mm	900 mm	1.350 mm	19.900 kg

Blade capacities are based on the SAE recommended practice J1265.

DIMENSIONS

D475A-8 Semi-U dozer	
A	2.770 mm
B	5.430 mm
C	4.710 mm
D	2.690 mm
E	1.650 mm
F	900 mm
G	4.525 mm
H	11.300 mm
I	3.430 mm
J	1.210 mm * ¹
K	1.845 mm * ²
L	4.795 mm



*¹ Maximum lift above ground

*² Maximum drop below ground