

KOMATSU®

D41E-6 D41P-6

FLYWHEEL HORSEPOWER
82 kW 110HP @2300 rpm

OPERATING WEIGHT
D41E-6: 10940kg 24,120 lb
D41P-6: 11520kg 25,400 lb



Photo may include optional equipment

High productivity

- ★ Powerful and clean Komatsu SA6D102 engine conforming with EPA and EU Tier 2 emission regulations.
- A low-drive undercarriage with long tracks and a low center-of-gravity provide extra-high stability for efficient grading and spreading work.

Easy operation

- A left-hand single joystick for travel/directional control and a right-hand single joystick for work-equipment control ensure comfortable operation without the need to change grip.
- The Closed-center Load Sensing hydraulic System (CLSS) ensures excellent, precise controllability by maintaining stability in work-equipment control irrespective of load and engine speed.

Operator comfort

- ★ The newly-designed wide cab provides excellent visibility, offers high-pressurization so that dust can be prevented from entering the interior, and realizes excellent capability for shock and vibration absorption through viscous-damper usage.

Easy maintenance and outstanding durability

- ★ A hydrostatic driven engine cooling fan facilitates easy cleaning of the radiator.
- A simple hull frame in addition to track frames with a large-section design ensure outstanding durability.

★ designates a key "new" feature ● designates a key "current" feature

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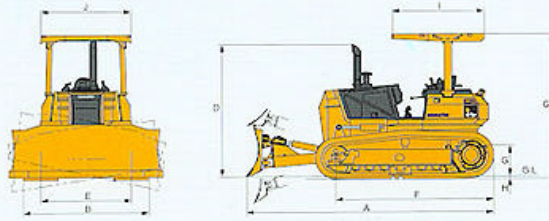
NEW
GENERATION

CRAWLER DOZER

PRELIMINARY
INFORMATION

DIMENSIONS

	D41E-6	D41P-6
A	4880 mm 16'0"	4880 mm 16'0"
B	2300 mm 7'7"	2490 mm 8'2"
C	2905 mm 9'6"	2805 mm 9'6"
D	2625 mm 8'7"	2625 mm 8'7"
E	1790 mm 5'10"	1790 mm 5'10"
F	2485 mm 8'2"	2745 mm 9'0"
G	525 mm 1'9"	525 mm 1'9"
H	53 mm 2.1"	53 mm 2.1"
I	1830 mm 6'0"	1830 mm 6'0"
J	1824 mm 6'0"	1824 mm 6'0"



Ground clearance: 365 mm 1'2"

SPECIFICATIONS

ENGINE :

Model Komatsu SA6D102E-2
 Type Water cooled, 4-cycle, overhead valve,
 direct-injection, turbocharged, aftercooled diesel engine
 No. of cylinders - bore x stroke 6 - 102mm x 120 mm 4.02" x 4.72"
 Piston displacement 5.9ltr. 360in³
 Flywheel horsepower 82kW 110 HP @2300

Refilling capacity :

Coolant 28ltr 7.4U.S.gal
 Fuel tank 245ltr 64.7U.S.gal
 Engine 19ltr 5.0U.S.gal
 Damper 1.1ltr 0.3U.S.gal
 Transmission 19ltr 5.0U.S.gal
 Bevel gear and steering system 74ltr 19.6U.S.gal
 Final drive(each side) 13ltr 3.4U.S.gal

PERFORMANCE :

Travel speed*	Forward	Reverse
1st	2.4km/h 1.5mph	3.0km/h 1.9mph
2nd	4.4km/h 2.7mph	5.5km/h 3.4mph
3rd	7.6km/h 4.7mph	9.4km/h 5.8mph

*Speed of tractor without dozer

TRANSMISSION :

Type Planetary gear and multiple disc clutch,
 hydraulically actuated, forced lubrication
 Gear shift 3 forward and 3 reverse speeds
 Bevel gear Spiral bevel gear, splash lubrication
 Steering system Wet, single-disc clutch, hydraulically
 loaded and released, single lever operated
 Steering brake Wet, single-disc, hydraulically actuated and
 released, interconnected with steering clutch, foot operated
 Service brake Steering brakes function as service brakes
 Final drive Spur gear single reduction, splash lubrication

OPERATING WEIGHT (APPROXIMATE) :

Tractor weight :
 Including rated capacity of lubricant, coolant, full fuel tank,
 operator and standard equipment.
 D41E-6 8790kg 19,380 lb
 D41P-6 9370kg 20,660 lb
 Operating weight :
 Including power angle tilt dozer, ROPS canopy, operator, standard
 equipment, rated capacity of lubricant, coolant, and full fuel tank.
 D41E-6 10940kg 24,120 lb
 D41P-6 11520kg 25,400 lb

UNDERCARRIAGE :

Suspension Rigid type
 Number of carrier rollers (each side) 1
 Shoe type Assembled single grouser

	D41E-6	D41P-6
Number of track rollers (each side)	6	7
Number of shoes (each side)	41	44
Grouser height	53mm 2.1"	53mm 2.1"
Shoe width (standard)	510mm 20"	700mm 27.6"
Ground contact area	25350cm ² 3,930in ²	38430cm ² 5,960in ²
Ground pressure (Tractor)	34.3kPa 0.35kgf/cm ² 4.96psi	23.5kPa 0.24kgf/cm ² 3.41psi

OPTIONAL EQUIPMENT

MULTI-SHANK RIPPER(D41E)

Additional weight(including hydraulic control unit): 810kg 1,790 lb
 Beam length : 1555mm 5'1"
 Maximum digging depth : 510mm 1'8"
 Maximum lift above ground : 350mm 1'2"

STEEL CAB :

Additional weight 490kg 1,080 lb
 Overall height 2770mm 9'1"
 Meet ISO 3449 FOPS standards.

ROPS CANOPY :

Additional weight 350kg 770 lb
 Meet ISO 3741, SAE J1040APR88, and ISO 3449 FOPS standards.
 Overall height 2905mm 9'6"

ROPS FOR CAB :

Additional weight 220kg 485 lb
 Meet ISO 3741, SAE J1040APR88.
 Overall height 2885mm 9'6"

DOZER EQUIPMENT

D41-6 uses box construction of the back plate while using high-tensile-strength steel in moldboard to ensure extended service. Hydraulic hoses for blade angling and tilting are covered with steel plates for protection from damage.

	Overall Length Dozer	Blade Capacity (SAE)	Blade Width X Height	Max. Lift Above Ground	Maximum Below Ground	Tilt Adjustment		Blade Angle		Additional Weight	
						L.H.	R.H.	L.H.	R.H.	Dozer equipment	Hydraulic control unit
D41E-6 Power Angle Tilt Dozer	4880 mm 16'	2.6 m ³ 3.4 yd ³	3045 mm x 1060 mm 10' x 3'6"	1010 mm 3'4"	490 mm 1'7"	485 mm 1'7"	645 mm 2'1"	55°	25°	1580 kg 3,480 lb	220 kg 485 lb
D41E-6 Power Angle Tilt Dozer	4880 mm 16'	2.9 m ³ 3.8 yd ³	3350 mm x 1060 mm 11' x 3'6"	1010 mm 3'4"	490 mm 1'7"	530 mm 1'9"	710 mm 2'4"	55°	25°	1660 kg 3,660 lb	220 kg 485 lb
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* When equipped with the 3350 mm 11 ft width blade, maximum blade angle is 30 degrees and overall width is 2990 mm 9'10".
 Materials and specifications are subject to change without notice.

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