

POWERPLUS

BULLDOZER

D65EX-15

OVER 
45
YEARS OF TRUST



POWERPLUS[®]
POWERPLUS GROUP INC., USA

ULTRO
PLANT & EQUIPMENT
1300 475 268
AUTHORISED DEALER

TECHNICAL SPECIFICATIONS

ENGINE

Model	CAT3306B (L)
Type	4-stroke cycle, turbocharged, intercooled, in-line
Number of cylinders	6
Bore x stroke	Ø126 mm x 130 mm
Piston displacement	9.73 L
Flywheel horsepower	130 kW (178 HP) @ 1850 rpm
Max torque	764 N.m @ 1400 rpm
Emission rating	Euro II
Fuel consumption	214g / kW.h (160g / HP.h)
Start motor	24 V, 11 kW
Alternator	24 V, 35 A
Battery	24 V (12 V x 2) - 195 AH
Fuel system	Direct injection
Cooling system	Forced circulation driven by centrifugal pump, exhaust fan
Air cleaner	Dry type, horizontal-type with air dust collector

TRANSMISSION

Torque converter	3-element, 1-stage, 1-phase
Cooling system	Water-cooled
Transmission	Power-shift, planetary gear, multiple-disc clutch, hydraulically forced lubrication driven by gear
Central drive shaft	Spiral bevel gear, single-stage speed reduction, splash lubrication

FINAL DRIVE

Final drive	2-stage spur gear speed reduction, splash lubrication
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TRAVEL SPEED

Gear	Forward	Reverse
1st	3.6 km/h	4.7 km/h
2nd	6.1 km/h	8.0 km/h
3rd	10.3 km/h	12.9 km/h

UNDERCARRIAGE SYSTEM

Suspension	Oscillation-type with equalizer bar and forward mounted pivot shafts
No. of carrier rollers	2 (each side)
No. of track rollers	6 (each side)
No. of idler	1 (each side)
No. of track shoes	37 (each side)
Track shoe type	Single grouser
Pitch	203.2 mm
Width	510 mm
Grouser height	65 mm
Track gauge	1880 mm
Ground clearance	400 mm
Ground pressure	0.067 MPa
Gradeability	30°
Min. turning radius	4.7 m

WEIGHT

Operating weight	18300 kg
With ripper attachment	19800 kg

HYDRAULIC COOLING SYSTEM

Maximum pressure	14 MPa (140kg f/cm ²)
Type	Gear pump
Displacement	243 L/min
Control valve type	Spool valve (raise, hold, lower, float)
Hydraulic tank	Fully enclosed control valve and oil filter
Hydraulic hoses	Continental (USA)
Working cylinder inner diameter	110 mm x 2

STEERING SYSTEM

Steering clutch	Wet type, multiple-disc, spring loaded, hydraulically separated, hand-operated hydraulic controls
Steering brake	Wet type, band brake, foot pedal-operated (with hydraulic booster and clutch linkage)

COOLANT AND LUBRICANT CAPACITY

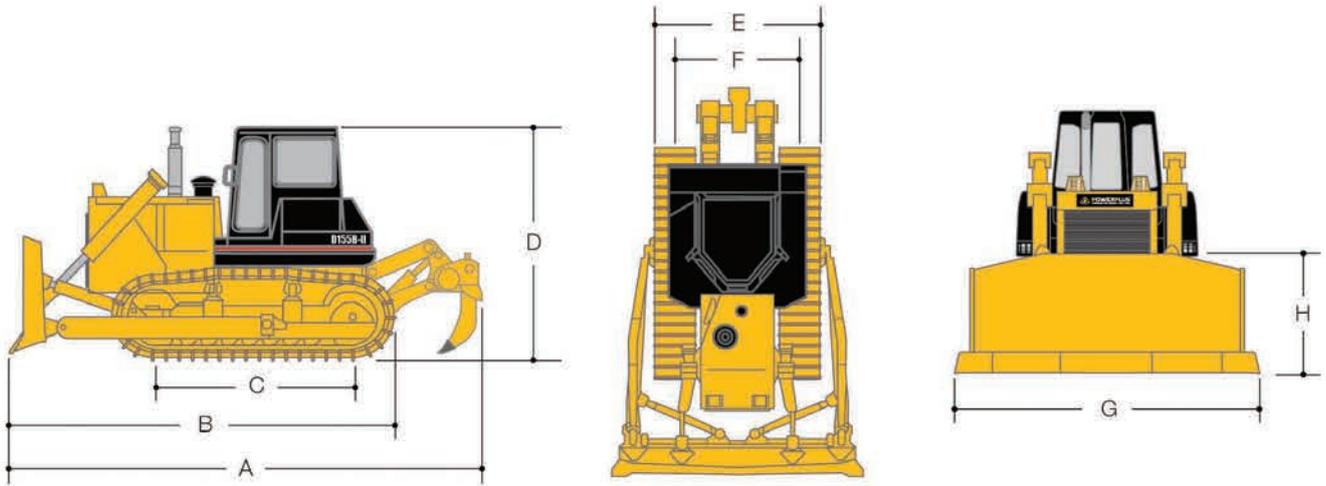
Coolant	60 L
Fuel tank	300 L
Engine oil	20 L
Hydraulic oil tank	108 L
Bevel gear case	35 L
Final drive case	24 L (each side)

WORKING EQUIPMENT AND ATTACHMENT

Straight-tilt dozer	Hydraulically-actuated with servo valve
Blade support	Brace type with tilt cylinder on the right side
Width	3388 mm
Height	1150 mm
Blade capacity	5.0 m ³
Max. lift above ground	1110 mm
Max. drop below ground	540 mm
Max. tilt adjustment	400 mm
Blade weight	2454 kg

RIPPER

For multi-shank ripper	
Max. digging depth	510 mm
Max. lift above ground	550 mm
No. of shank(s)	3
For single-shank ripper	
Max. digging depth	510 mm
Max. lift above ground	550 mm
No. of shank(s)	1



DIMENSIONS			
A	Overall length (with ripper)	mm	6336
B	Overall length (with blade)	mm	4559
C	Length of track on ground	mm	2430
D	Overall height	mm	3100
E	Overall width (without trunnions)	mm	2390
F	Track gauge	mm	1880
G	Blade width	mm	3388
H	Blade height	mm	1110

OPTIONAL

ENGINE

Cold Weather Kit
Desert Filter
Enlarged Radiator
Euro III Engine

CABIN

Cabin Glass Protection Grille Panels
Heater
Rear-View Camera
ROPS/FOPS Frame

UNDERCARRIAGE

Anti-Windup Bar
Low Ground Pressure Tracks (LGP)
Sprocket Guards
Track Roller Guards
Widened Track Shoes
(610mm / 660mm / 710mm / 760mm)

BLADE

Angle Blade
Environmental Blade
Semi-U Blade
U Blade

ACCESSORIES

LED Lights
Solar Film

ATTACHMENTS



LGP Track



Straight Tilt Blade



Angle Blade



Single-Shank Ripper



Winch



ROPS Cabin



U Blade



Environmental Blade



Multi-Shank Ripper



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CORPORATE OVERVIEW

POWERPLUS GROUP INC., USA, a leading global manufacturer of a comprehensive range of construction equipment, is part of Worldwide Techno-Equipment Group (1973) Pte Ltd. Established since 1973, POWERPLUS GROUP has evolved into a world-renowned organization that offers machinery unparalleled in price, quality and performance.

POWERPLUS machinery is manufactured with enhanced capacities to exceed even the most stringent international standards of quality and safety. With the aim of producing machinery that is able to withstand even the most extreme climatic conditions and rugged terrains, POWERPLUS Research & Development team which has its Headquarters in the United States, has been the backbone behind all its innovative engineering solutions.

Optimizing the best of technology from the United States, Europe and Japan, POWERPLUS machinery is configured to its ideal technical capabilities. A multinational team of engineers analyzes the data collected from our network of distributors worldwide and are on the constant lookout for ways to maximize the life-span of POWERPLUS machinery.

Today the Company's clientele spans over 100 countries across 6 continents.

At the forefront of setting quality standards, every POWERPLUS machine undergoes a technical review after 2 years and is tested rigorously before a new model is churned out of its production facility.

With an emphasis on delivering value and excellent after-sales service to our customers, the POWERPLUS experience outshines and outclasses its competitors in all aspects.



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