

PHILININ



EU Stage IV Engine

CRAWLER DOZER

ENGINE POWER 99 kW / 133 HP @ 2.200 rpm **OPERATING WEIGHT** D51EX-24: 13.760 kg D51PX-24: 14.180 kg

KOMATSU

BLADE CAPACITY D51EX-24: 2,7 - 2,9 m³ D51PX-24: 2,9 - 3,35 m³

Walk-Around

OUTSTANDING PRODUCTIVITY & FUEL ECONOMY

Up to 10% less fuel consumption with new engine and optimised hydrostatic pump control technology (compared with D51-22)

Powerful and Environmentally Friendly

- NEW
 Low consumption EU Stage IV engine
 Optimised Hydrostatic Transmission (HST) control system
 NEW
 Adjustable Eco-gauge and auto idle stop
 Hydrostatic cooling fan with cleaning mode
 - NEW 100% passive regeneration and requires no DPF

Optimised Work Equipment

- INPAT blade with adjustable pitch
- Multishank parallelogram ripper



First-Class Operator Comfort

- · Super-slant nose design for excellent blade visibility
- Integrated rear-view camera
- Fully adjustable air-suspended seat
- High capacity air conditioning

State-of-the-Art Controls

- Extremely maneuverable hydrostatic drive
- Variable speed selection or conventional quick shift
- Palm Command Control System (PCCS)
- Large multifunctional monitor

Reliability & Maintenance

- Multifunctional monitor with troubleshooting function
- Sturdy, rugged design
- Low-drive "PLUS" undercarriage

KOMTRAXTM

- Increased operational data and fuel savings
- Integrated communication antenna

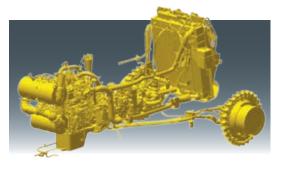




Complimentary maintenance program for customers



New, low consumption Komatsu SAA4D107-3 engine for greatly increased productivity.



The optimised Hydrostatic Transmission (HST) control system provides full power to both tracks during turns or counter-rotation and makes the D51-24 extremely maneuverable.



Maximum operator comfort and an excellent view on the blade due to the super-slant nose design.



Eco gauge, eco guidance and the new auto idle stop help to further reduce consumption.

| ENGINE | |
|-----------------------------|---|
| Model | Komatsu SAA4D107-3 |
| Туре | Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel |
| Engine power | |
| at rated engine speed | 2.200 rpm |
| ISO 14396 | 99 kW/133 HP |
| ISO 9249 (net engine power) | 98 kW/131 HP |
| No. of cylinders | 4 |
| Bore × stroke | 107 x 124 mm |
| Displacement | 4,5 |
| Fan drive type | Hydraulic, reversible |
| Engine emissions | Fully complies with EU Stage IV exhaust emission regulations |

UNDERCARRIAGE

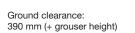
| Suspension | Oscillating equaliser bar and | | |
|---------------------|-------------------------------|--|--|
| | pivot shaft | | |
| Tracks | PLUS link assembly | | |
| Min. turning radius | | | |
| D51EX-24 | 2,4 m | | |
| D51PX-24 | 2,6 m | | |

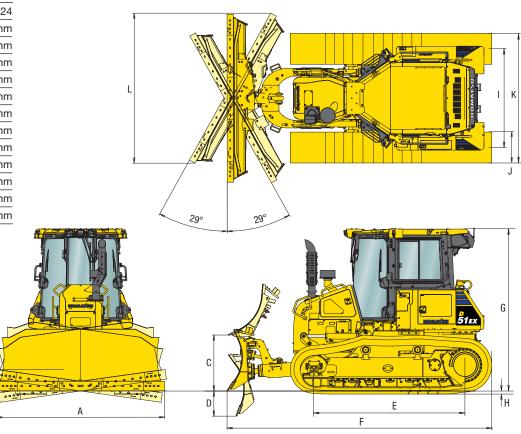
HYDROSTATIC TRANSMISSION (HST)

| Speed ranges (forwards/backwards) | 3/3 |
|--|------------|
| Max. travel speeds in variable mode (forwards/backwards) | 0 - 9 km/h |

DIMENSIONS

| | D51EX-24 | D51PX-24 | | |
|---|----------|----------|--|--|
| А | 3.350 mm | 3.350 mm | | |
| В | 469 mm | 469 mm | | |
| С | 1.010 mm | 1.035 mm | | |
| D | 460 mm | 475 mm | | |
| Е | 2.745 mm | 2.745 mm | | |
| F | 4.800 mm | 4.851 mm | | |
| G | 3.011 mm | 3.011 mm | | |
| Н | 55 mm | 55 mm | | |
| Ι | 1.790 mm | 1.880 mm | | |
| J | 560 mm | 710 mm | | |
| К | 2.350 mm | 2.590 mm | | |
| L | 2.990 mm | 2.990 mm | | |





DOZER EQUIPMENT

B

| | Overall length with dozer | Blade width × height | Maximum lift above ground | Maximum drop below ground | Maximum tilt adjustment | Blade angle |
|---|---------------------------|-------------------------|---------------------------|------------------------------|----------------------------|----------------|
| 2,7 m ³ PAT blade (EX) (option) | 4.800 mm | 3.045 × 1.120 mm | 1.010 mm | 460 mm | 425 mm | 29° |
| 2,9 m ³ PAT blade (EX) (standard) | 4.800 mm | 3.350 × 1.120 mm | 1.010 mm | 460 mm | 469 mm | 29° |
| 2,9 m ³ PAT blade (PX) (option) | 4.800 mm | 3.350 × 1.120 mm | 1.010 mm | 460 mm | 469 mm | 29° |
| 3,35 m ³ PAT blade (PX) (standard) | 4.851 mm | 3.350 × 1.170 mm | 1.035 mm | 475 mm | 469 mm | 29° |

Blade capacities are based on the SAE recommended practice J1265.

EENSS20240P 11/2016

Komatsu Europe International N.V. · Mechelsesteenweg 586 · B-1800 VILVOORDE (BELGIUM) Tel: +32-2-255 24 11 · Fax: +32-2-252 19 81 · www.komatsu.eu

This brochure is a preliminary version which is intended for promotional purposes only. The information contained in this brochure may be incomplete and/or subject to change. This brochure will be replaced by an updated version. AdBlue® is a registered trademark of Verband der Automobilindustrie e.V.