

825TX

The Komatsu 825TX is a powerful yet compact thinning specialist. Its low weight, mobility and strength are just a few of the factors that help to ensure dependable productivity.

Dimensions (eight-wheeler with shortest rear frame option and 600 mm tyres)



A. Width	2,600 mm
B. Length, total	9,380 mm
C. Length, front axle to articulated joint	1,900 mm (2,150 mm with tracking frame)
D. Length, articulated joint to rear axle	2,900 mm (2,650 mm with tracking frame)
E. Transport height, with hoses and tyre compression	3,800 mm
F. Ground clearance, at steering coupling	580 mm

NOTE: Stated dimensions are nominal and may vary depending on production tolerances and optional equipment.

Weight

Weight, from: 14,610 kg

Engine

AGCO POWER 4.9 l. 4-cylinder diesel engine with turbo and intercooler. EU Stage V (Europe) and EPA Tier 4F (North America).

Engine displacement: 4.9 litres
 Power, max.: 127 kW DIN at 1,800 rpm
 Torque: 750 Nm at 1,500 rpm
 Fuel tank: 145 l
 AdBlue® tank: 14 litres (when refuelling)
 Ex. of other equipment: Water separator. Fuel filter. Throttle, electrical via CAN. Thermostat-controlled fan (electric). Electrical refuelling.

Transmission

Computer-controlled, hydrostatic mechanical transmission. Direction of travel and driving speed are controlled via a keypad on the armrest as well as foot-operated forward/reverse controls in the working position. Transfer gearbox with 2 positions (high and low). Disengageable drive operation.

Driving speed: 0–approx. 25 km/h
 Tractive force: 150 kN

Frame/Axles

Three rear frame options. Rear frame with smooth V-shaped bottom made of high-strength steel.

Front and rear axles: Geared bogie with hub reduction. Differential with mechanical differential lock. Internal multi-disc wet brakes. Damping bogie stops.

Ex. of other equipment: Tracking frame. Front blade. Stabiliser. Towing points front and rear. Bogie lift. Comfort bogie. Extra sealing on articulated frame.

Hydraulic system

Single-circuit load-sensing with variable piston pump.
 Flow: 280 l/min at 2,000 rpm
 Hydraulic oil tank: 128 l
 Other: Dual return oil filters for hydrostat and working hydraulics. Hydraulic oil level warning. Sight glass level check. Clogging indication for return oil filter. Visual alarm in cab.

Brake system

Fully-hydraulic multi-disc brakes. Hydraulic accumulator charging valve.
 Driving brake/ Working brake: Multi-disc brakes in oil bath. Automatically engaged when working.
 Parking brake: Spring-action brake with electro-hydraulic control. Emergency brake.
 Braking performance: Conforms to ISO 11169 and VVFS 2003:17.

Cab/Ergonomics

Tested in accordance with applicable ISO standard. Spacious and bright with very good visibility. Thermal and acoustic insulation.
 Seat: Several alternative seat options. Ergonomically designed with headrest, armrests, joystick panels and waist safety belt. Depending on seat selection, different options are available for individual adjustment of the seat cushion, backrest and lumbar support. Seat column with 0–180° working range.
 Windows: Polycarbonate windows throughout.
 Heating/ventilation: Fully automatic heating and cooling unit, ACC. Filtered intake air.
 Noise level: In compliance with ISO standard
 Vibrations: In compliance with ISO standard
 Other: Windscreen wipers and washers on front and rear windows. Acceleration pedal, electric via CAN, in transport mode and crane mode. Inside rear-view mirror.

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Ex. of other equipment:	<ul style="list-style-type: none"> • Komatsu Comfort Ride (cab suspension) • Radio with Bluetooth and hands-free support • Seat column with 220° working range • MediaZone
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Load area

Gross load:	9,000 kg
Bunk area:	3.9 m ²
Load bunks:	Mounted on runners, movable.
Load gate:	Komatsu Thinning Gate (machine with tracking frame). Komatsu FlexGate (hydraulically flexible full-height gate, fixed or hydraulically adjustable design).

Ex. of other equipment:	Komatsu Thinning Bunks.
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Crane and grapple

Crane:	Komatsu 105 F
Reach:	7.7/9.5/10 m
Lifting torque, gross:	103 kNm
Slewing torque, gross:	28.7 kNm
Rotator:	G121 and slew dampened link MPB
Grapple:	Komatsu G28
Crane tip:	ProTec (standard)
Ex. of other equipment:	Alternative models of grapples and rotators.

Steering

	Hydraulic articulated steering with dual double-acting hydraulic cylinders.
Joystick steering:	Load-sensing (LS) proportional steering with steering rocker.
Steering angle:	±43°
Electric steering:	Finger-controlled mini steering wheel on right armrest.

Electrical system

Voltage:	24 V
Battery capacity:	2 x 140 Ah
Alternator:	2 x 100 A

Lighting

Working lights:	10 lights on cab and 2 lights on crane (halogen)
Driving lights:	2 front lights (halogen)
Service lighting:	LED lights in service compartments
Ex. of other equipment:	Working lights (LED), variations of extra working lights (LED), driving lights on rear bunk and separate mount by tow bar (LED). Driving lights, front (LED)

MaxiXT control and information system

- Fully integrated machine control system, CAN-based with head, crane, engine and transmission intelligence for optimum performance and fuel consumption.
- Production follow-up system for forwarders. Registers timber deliveries (assortments) and roadside wood pile locations. Delivery selection using hand controller buttons.
- Optional ProTec Scale crane scale system. Automatic and highly accurate weighing. Compact scale link with hose routing through the link.
- Easy-to-use operator interface. High-performance PC with Windows operating system, SSD hard drive, touchscreen selection and data backup function. Antivirus software.
- Comfort Controls. Ergonomic joysticks of various types with extensive functionality.

Examples of other equipment

- Sprinkler system. Semi-automatic water-based fire extinguishing. Conforms to SBF 127.
- Handheld fire extinguisher (powder). 2 x 6 kg ABE-3. Cab fire extinguisher (powder), 2 kg (CE).
- Diesel heater. 9.1 kW incl. timer (engine, cab, hydraulic oil).
- Biodegradable hydraulic oil.
- Tracks, chains.
- Extra storage boxes for hydraulic hosing on sides of rear frame.
- Toolbox with tools (heated in engine compartment).
- Central lubrication.
- Reversing camera, rear (standard in EEA countries in compliance with applicable EU Directive).
- Reversing camera, front.
- Vacuum pump.
- Wear guards and chain guards for bogie casings.
- Service ladder at hydraulic tank (standard in EEA countries in compliance with applicable EU Directive).
- Front guard.
- Remote control for central locking (Europe only).

Notes

Standard and extra equipment are market-dependent and vary between countries. This product brochure describes functions that are in some cases optional. Check with your dealer as to what is standard or optional. Weights are based on the equipment specified in the basic specification. Specifications and designs are subject to alteration without prior notice.

