



Technical specification

Dinting Machine 2600



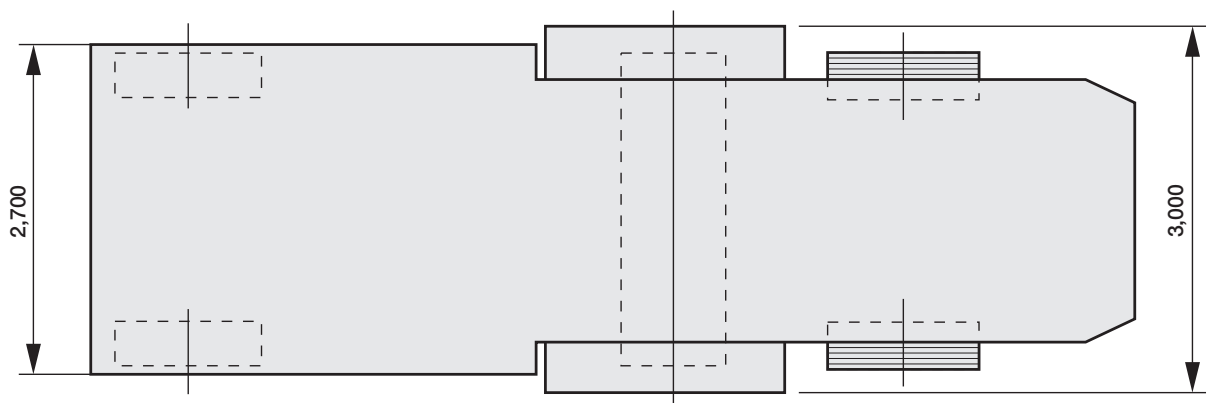
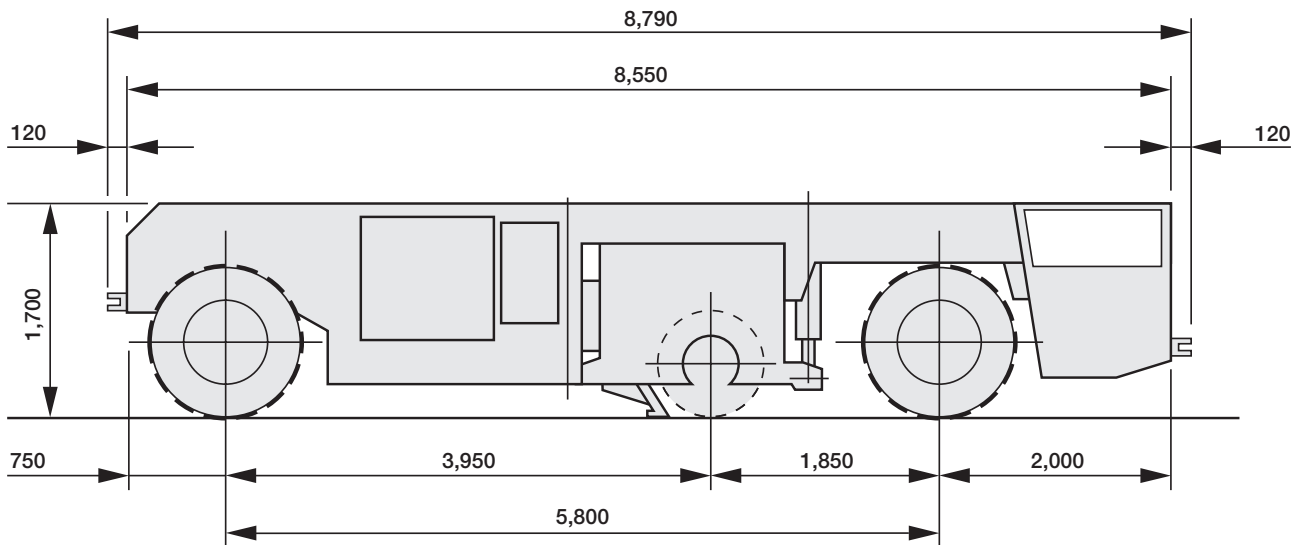
	Dinting Machine 2600	
Cutting width max.	2,600 mm	
Cutting depth*¹	0–200 mm	
Cutting drum		
Tool spacing	15 mm	
Number of cutting tools	212	
Engine		
Manufacturer	Deutz	
Type	TCD 2015 V6	
Cooling system	Water	
Number of cylinders	V6	
Output	273 kW/366 HP/371 PS	
Speed	2,000 rpm	
Fuel consumption (full load)	approx. 72 l/h	
Fuel consumption (² / ₃ load)	approx. 52 l/h	
Operational characteristics		
1 st gear	0–36 m/min	
2 nd gear	0–20 km/h	
Transversal inclination max.	5°	
Gradeability		
Gradeability (1 st gear)	35 %	
Gradeability (2 nd gear)	12 %	
Weights*²		
Axle load, front	15,600 daN (kg)	
Axle load, rear	13,400 daN (kg)	
Shipping weight	28,000 daN (kg)	
Operation weight	29,000 daN (kg)	
Tyres		
Type	Pneumatic	
Front tyres	Ø 1,200 mm	
Rear tyres	Ø 1,200 mm	
Tank capacities		
Fuel tank	1,000 l	
Hydraulic oil tank	435 l	
Electrical system	24 V	
Shipping dimensions		
Machine L x W x H	8,790 x 3,000 x 1,700 mm	

*¹ = The maximum cutting depth may deviate from the value indicated, due to tolerances and wear.

*² = All weights refer to basic machine except any options.

Technical description

Dimensions in mm



Principle of design

Dinting machine with hydraulically driven cutting drum located between front and rear axles.

Chassis

Chassis of rigid design constructed from steel sections with integral fuel and hydraulic tanks and complete with component supports, brackets etc.

Suspension

Pendulum front axle with chassis mounted rear axle.

Steering

The machine has a hydraulically operated four-wheel steering system with crabbing capability making the machine highly manoeuvrable.

Four-wheel drive

Front and rear axles are driven – each by a single hydraulic motor.

The travel speed of the machine is infinitely variable in both, 1st and 2nd gears.

Brakes

A dual circuit, pneumatic brake system operates on all wheels.

A spring loaded parking and emergency brake is fitted as standard.

Additional braking is achieved by the closed loop hydraulic system.

Cutting drum

The cutting drum is located between the front and rear axles and cuts in the upward direction.

The cutting tools are located on a helix. This design ensures that milled material is always fed to the centre of the drum and windrowed, this allowing the rear wheels on the machine to run on the clean newly levelled roadway.

Replacement of cutting tools

Large hydraulically operated access door located in front of the cutting drum allows easy access for cutting tools removal/replacement.

Cutting drum suspension

The cutting drum is suspended from the chassis by means of four vertically mounted hydraulic cylinders.

Adjustment of cutting drum

The dinting machine has an automatic grade control system using the side blades as a reference point which ensures that the selected cutting depth is maintained at all times. Slope control can be fitted to the machine as an optional extra.

Operator's stand

The operator's stand is located at the front of the machine. All the controls required for efficient and effective operation of all machine functions are located within easy reach and are readily visible and accessible.

As an optional extra remote control of all normal working functions via cable can be accomplished.

Instruments and controls

Instruments fitted to the machine include hours run meter, rev counter, engine temperature, charging indicator, engine oil pressure control, cutting drum and travel drive pressure gauges and filter contamination indicators.

Warning lamps for loss of brake air pressure and minimum oil pressure are also fitted.

Hydraulic circuits

Three independent hydraulic systems are used for travel drive, cutting drum and cylinder operations, respectively all fitted with filters and coolers.

The hydraulic pumps are driven by the main diesel engine via a splitter gearbox.



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