



DA201 DRILL PIPE HANDLER

TECHNICAL SPECIFICATION

The Sandvik DA201 is designed to carry and handle a wide range of drill pipe sizes. The DA201 has a flexible, telescopic manipulator arm which enables the operator to add and remove pipe by remote control. The hydraulic manipulator can be powered from the onboard diesel or through an umbilical hose tethered to the drill.

The track-mounted carrier has a removable pipe cassette which can be exchanged to accommodate longer holes or different pipe diameters.

The DA201 improves both safety and productivity by reducing operator fatigue.

TECHNICAL DATA

Cassette capacity	127 pcs, 79 mm (3.1") drill pipe
	100 pcs, 89 mm (3.5") drill pipe
	60 pcs, 114 mm (4.5") drill pipe
	53 pcs, 127 mm (5.0") drill pipe
Drill pipe length	1.2 - 1.8 m (4-6 ft)
Weight of cassette empty	695 kg (1 531 lbs)
Weight without cassette	7 257 kg (16 000 lbs)
Total weight of DA201 with cassette and fully loaded with drill pipe	10 660 kg (23 500 lbs)



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CARRIER

Diesel engine	Deutz TD2011L04i, 55 kW, Tier 4i, Stage IIIB
Undercarriage	Triple grouser 305 mm (12") tracks sealed
Fuel tank	75 L (20 gal)
Tramming speed	2.2 km/h (1.4 mph)
Gradability	35% (20°)

POSITIONING

Telescopic pipe manipulator, reach	3.9 m (154")
Pipe manipulator mounted on extendable boom, extension	1.5 m (60")
Rotary actuators	1 x 360° 2 x 180°

DA201 (PT50) LOADED CASSETTE WEIGHT

Pipe size (in / mm)	Qty	Total weight (lbs / kg)
Empty pipe tub	—	1 531 / 695
3.1 / 79	127	8 516 / 3 871
3.5 / 89	100	7 631 / 3 469
4.5 / 114	60	7 471 / 3 396
5.0 / 127	53	7 361 / 3 346
5.9 / 150	38	6 091 / 2 769

CONTROLS

24 V electric / hydraulic controls	
Tripod mounted with 15 m (50 ft) cable	
Safety shut-downs	Low hydraulic oil pressure High oil temperature

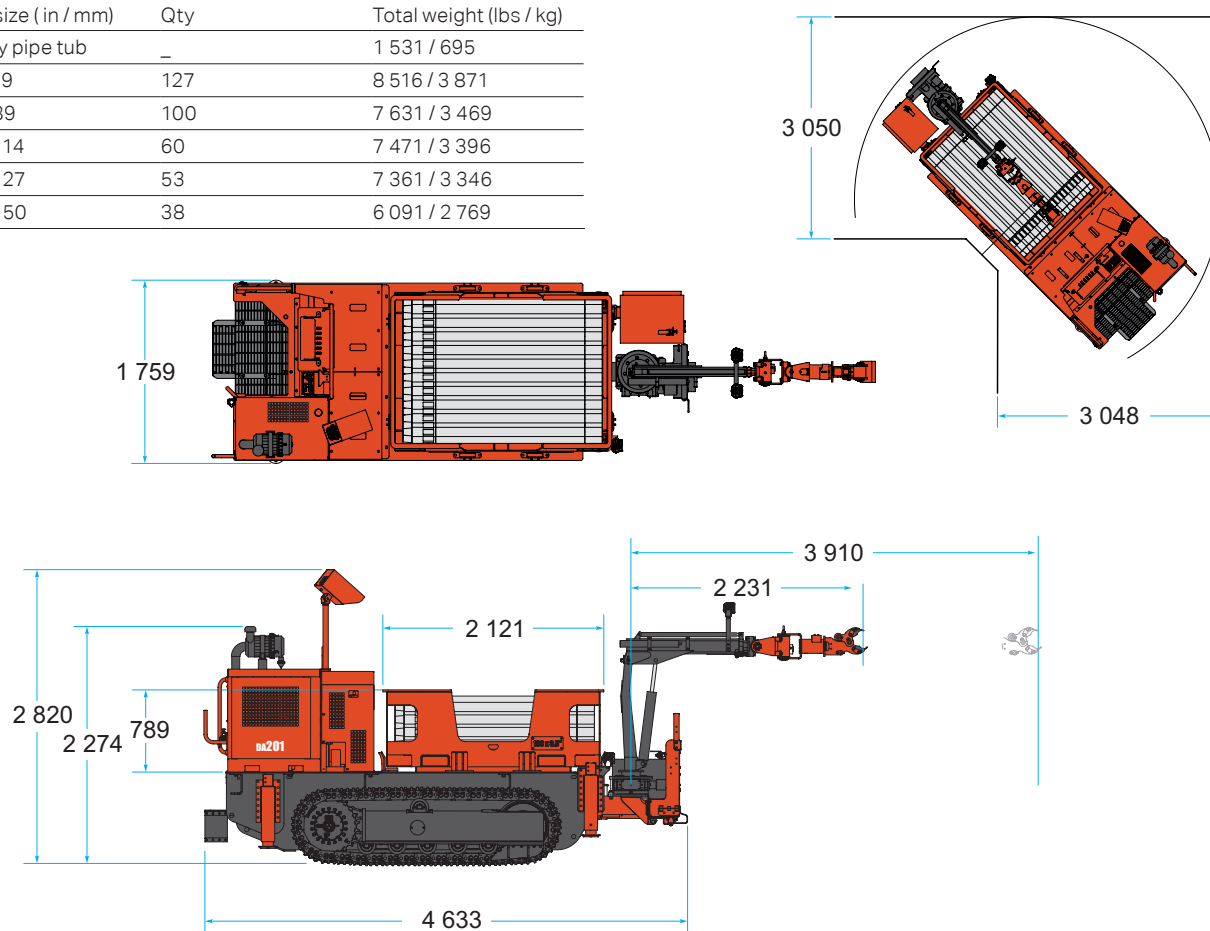
HYDRAULICS

Hydraulic power for manipulator provided through umbilical hose to drill or from diesel engine.

Filtration (pressure / return)	5μ / 10μ
Pump	28cc

ADDITIONAL OPTIONS

Additional pipe cassettes	
Fire suppression system	Manual or automatic system



All dimensions in mm

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