

Universal Class

SUPER 1603

WHEELED PAVER

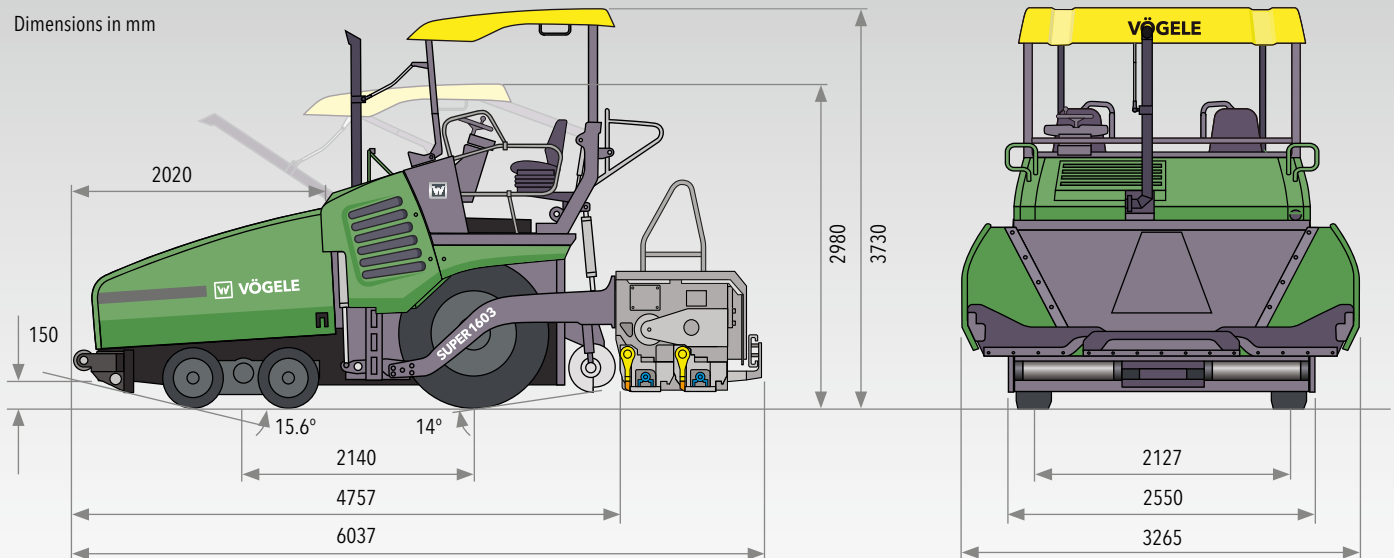


Provisional

Maximum pave width 6.3m
Maximum laydown rate 600 tonnes/h
Transport width 2.55m

 www.voegele.info

Dimensions in mm



HIGHLIGHTS

- » **Powerful and reliable** thanks to the 116kW Cummins engine
- » **Simple operation** with the innovative and easy-to-grasp ErgoBasic operating system

- » **New and easy-to-use** Niveltronic Basic System for Automated Grade and Slope Control
- » **Powerful** and economic drive concept with a modern Cummins diesel engine
- » **Significantly smaller turning radius** due to Pivot Steer steering brake

- » **Perfect paving quality** due to perfect material management
- » **Easy service concept**, perfectly geared to the requirements of the workshop and service staff
- » **Combines with the AB 480** Extending Screed in the TV version

Power unit

Engine	4-cylinder diesel engine, liquid-cooled
Manufacturer	Cummins
Type	QSB4.5 C155
Output	
Nominal	116kW at 2,000rpm (according to DIN)
ECO mode	106kW at 1,700rpm
Exhaust emissions standard	EU Stage 3a, US EPA Tier 3
Fuel tank	215 litres

Undercarriage

Front wheels	4, elastic solid rubber tyres, mounted on bogies
Tyre size	540/300 – 390mm
Rear wheels	2, pneumatic tyres, tubeless
Tyre size	14.00 R 25
Drive	separate hydraulic drive provided for each wheel
Standard	2 rear wheels (6x2)
Option	2 rear wheels and 2 front wheels (6x4)
Speeds	
Paving	up to 18m/min., infinitely variable
Travel	up to 20km/h, infinitely variable
Outside turning radius	minimum 3.5m (with Pivot Steer)

Material hopper

Hopper capacity	13t
Width	3,265mm
Feed height	594mm (bottom of material hopper)
Push-rollers	oscillating
Position	can be displaced forwards by 75mm or 150mm

Screed

AB 480	basic width	2.55m
	infinitely variable range	2.55m to 4.8m
	maximum width	6.3 m
Screed version	TV	
Layer thickness	up to 30cm	
Screed heating	electric by heating rods	
Power supply	three-phase A.C. generator	

Dimensions (transport) and weight

Length	tractor unit with screed	
AB 480 TV	6.04m	
Weight	tractor unit with screed	
AB 480 TV	pave widths up to 4.8m	17t

Key: AB = Extending Screed TV = with tamper and vibrators