MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

mdtacel@mt.gov

Make:	Wirtgen
Model:	SUPER 2000-3i with VR 600 V screed and empty hopper
Equipment Type:	paver
Contractor Modifications:	none

Interstate Approval Conditions

Approval Type	crossing only
Speed:	no restriction
Weight:	49,935 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	no restriction

Non-Interstate Approval Conditions

Approval Type	crossing only
Speed:	no restriction
Weight:	49,935 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	no restriction

Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge. Hopper must be empty while crossing.

A WIRTGEN GROUP COMPANY

VÖGELE

Technical information

SUPER 2000-3i



Tracked paver SUPER 2000-3i
Highway Class

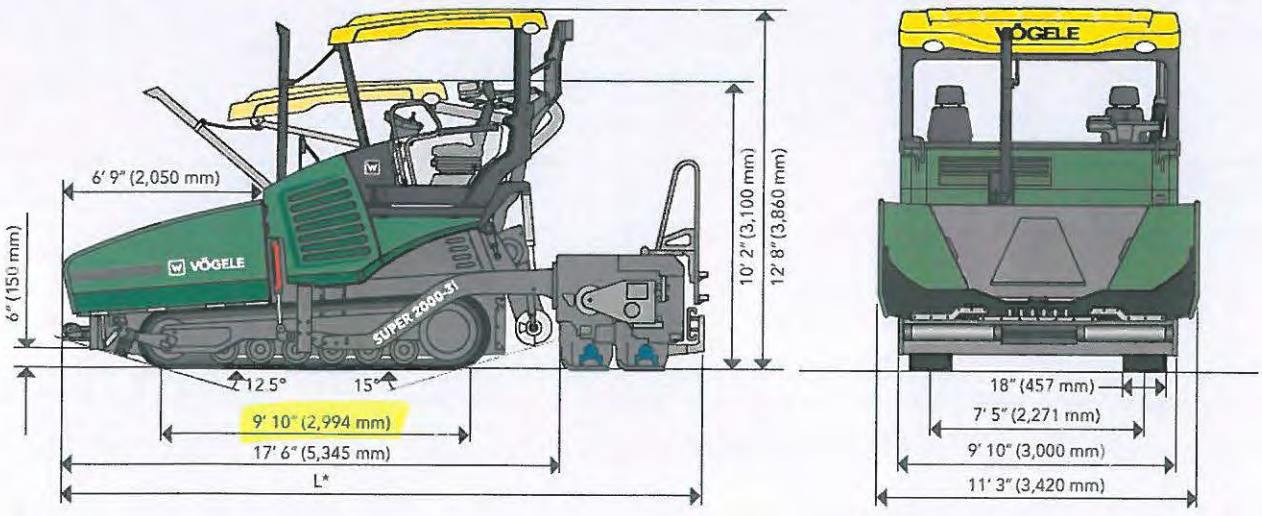
TECHNICAL HIGHLIGHTS

> Maximum paving width 28 ft. 3 in. (8.6 m)
> Maximum laydown rate 1,540 tons/h (1,400 tonnes/h)
> Transport width 10 ft. (3.05 m)
> Engine output: 250 hp (186 kW) at 2,000 rpm

Conveyors and augers			
Augers			
> Version	2, with exchangeable auger blades, auger rotation reversible		
> Diameter	16 in. (400 mm)		
> Drive	separate hydraulic drive provided for each auger		
> Speed	up to 130 rpm, infinitely variable (manual or automatic)		
> Height	infinitely variable by 6 in. (15 cm), hydraulic		
Lubrication	automatic centralized lubrication system with electrically driven grease pump		
Screed	**VF 600**	**VR 600**	**AB 600**
Basic width	10 ft. to 19 ft. 6 in. (3.05 m to 5.95 m)	10 ft. to 19 ft. 8 in. (3.05 m to 6 m)	9 ft. 10 in. to 19 ft. 8 in. (3 m to 6 m)
Maximum width	25 ft. 6 in. (7.75 m)	28 ft. 3 in. (8.6 m)	27 ft. 11 in. (8.5 m)
Compacting systems	V	V	TV
Layer thickness	up to 12 in. (30 cm)		
Screed heating			
> Version	electric by heating rods		
> Power supply	three-phase AC generator		
Dimensions (transport) and weights			
Length			
> Version	tractor unit and screed		
> VF 600 V	21 ft. 4 in. (6.510 m)		
> VR 600 V	22 ft. 6 in. (6.865 m)		
> AB 600 TV	21 ft. 9 in. (6.625 m)		
Weights			
> Version	tractor, hardtop and screed		
> VF 600 V	49,053 lbs. (22,250 kg)		
> VR 600 V	49,935 lbs. (22,650 kg)		
> AB 600 TV	49,714 lbs. (22,550 kg)		

Key: DOC = Diesel Oxidation Catalyst, SCR = Selective Catalytic Reduction, VF = Screed with Front-Mounted Extensions, VR = Screed with Rear-Mounted Extensions, AB = Extending Screed V= with vibration, TV = with tamper and vibration

SIDE AND FRONT VIEW



L* = Dependent on screed type (see specification)