



STV-300 GROUT MACHINE

THE ULTIMATE IN OPERATOR COMFORT

- Sit comfortably, no need to stand.
- An umbrella to keep you cool and shaded.
- Cruise Control for effortless operation.
- Chute Side Shift to keep you perfectly aligned with the trench.



THE ULTIMATE IN REPAIR AND MAINTENANCE

- A thick tub built to last, resistant to wear and tear.
- Easy access to all parts and components for quick maintenance.
- Significantly lower repair part costs.
- One year Warranty.

For new users transitioning from stand-up machines, it might take a few days to a week to fully adjust. Once you're familiar with rear steering (think forklift or motorboat) and the chute side shift, you'll find it much faster and easier to operate. Plus, the comfort factor is unmatched.

VIEW OF THE TRENCH

Our innovative offset design allows the operator excellent visibility of the chute and trench. The horizontal side shift control allows the chute to be adjusted left and right without changing the direction of travel or steering.



STV-300 GROUT MACHINE



DIMENSIONS

	U.S.	METRIC
Mobile length	82.8 in	2.1 m
Wheelbase	44.6 in	1130 mm
Attachment mounting to front axle	11.2 in	284 mm
Machine height	57 in	1.45 m
Ground clearance	5.375	137 mm
Width	51.6 in	1.11 m
Weight (Combined)	1,900 lb	727 kg
Vehicle clearance circle (SAE) wall to wall		
Right turn	11.3 ft	3.44 m

OPERATION

Ground drive speed, forward/reverse		
	9 Mph	14 kmn

HYDRAULIC SYSTEM

Auxiliary: gear pump		
Flow rate	6.23 gpm	23.4 l/min
Pressure	3,625 psi	250 bar
Ground drive: hydrostatic transmission		
Pressure	3,045 psi	210 bar

TIRES/PRESSURE

Urethane filled 20 x 10-8, ply, bar lug	N/A	
Tire assembly mass	49 lb	22.23 kg

GM1 GROUT MIXER SPECIFICATIONS

Capacity Dry	13 cu/ft (1/2 CY)
Capacity, Liquid	100 gal
Payload Mass	1800 lb
Empty Weight	812 lb

POWER

	U.S.	METRIC
Engine	Kohler® CH730	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	2	
Displacement	44 in3	725 cm3
Bore	3.27 in	83 mm
Stroke	2.64 in	67 mm
Manufacturer's power rating	23.5 hp	17.5 kW
Rated speed	3,600 rpm	

BREAKING SYSTEM

Ground drive brakes machine hydraulically when moved to neutral position

FLUID CAPACITIES

Fuel tank	8.3 gal	31.4 L
Engine oil, w/filter	2 qt	1.9 L
Hydraulic reservoir	7.2 gal	27.2 L
Total hydraulic system volume	8.5 gal	32.2 L

BATTERY

U1 SAE reserve capacity rating	32 min
SAE cold crank rating @ 0°F (-18°C)	200 amps



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