

# SOMERO S-100 LASER SCREED®



## Laser Screed Technology Is Proven Profitable On Billions Of Square Feet Of Concrete Projects Worldwide!

- **The S-100 Laser Screed is ideal for smaller industrial projects, commercial work and residential jobs.** The 8-foot wide screed head is mounted on a 12-foot long telescoping boom producing nearly 100 square feet of laser-level concrete per pass.

- **Take advantage of this versatile performer.** You can profitably put the S-100 Laser Screed to work on jobs as small as 1,000 square feet to projects of 20,000 square feet and larger. The S-100 works great in tandem with the S-160 and S-240 Laser Screeds on bigger projects or in areas that require a smaller machine.



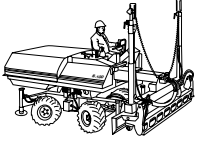
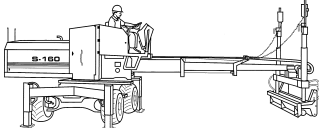
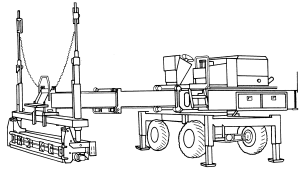
- **Compact size can make the perfect fit.** The S-100 is very easy to transport to the job site. The 8-foot screed head easily works around obstacles and columns and it's smaller profile easily fits through 6-foot doorways.



- **Quartz Laser System.** All of the model year 2002 Laser Screeds come equipped with the Quartz Laser System that has been developed exclusively for the Somero Laser Screed. This Laser System features more automated controls that make Laser Screeding more productive and more precise than ever before.

**SOMERO**   
ENTERPRISES

# SOMERO LASER SCREED SPECIFICATIONS

	 <b>S-100</b>	 <b>S-160</b>	 <b>S-240</b>
<b>Overall Width</b>	5'- 6" Outside of Tires 9'-10" at Screed Head	7' Outside of Tires 9'-10" at Screed Head	7'- 8" Outside of Tires 14'-1" at Screed Head
<b>Overall Length</b>	12'-7" Boom In 23'-5" Boom Out 19'-3" Transport	13'-10" Boom In 32'-5" Boom Out 19'-2" Transport	18'-3" Boom In 36'-1" Boom Out 28'-5" Transport
<b>Overall Height</b>	6'-0"	8'- 3"	8'-3"
<b>Weight</b>	7,200 lbs.	12,600 lbs.	15,100 lbs.
<b>Boom Reach</b>	12 ft.	20 ft.	20 ft.
<b>Screed Width</b>	8 ft.	8 ft.	12 ft.
<b>Screed Area Per Pass</b>	96 sq. ft.	160 sq. ft.	240 sq. ft.
<b>Fuel Capacity</b>	18 gallons	27 gallons	27 gallons
<b>Hydraulic Oil Capacity</b>	16 gallons	27 gallons	27 gallons
<b>Upper Frame Rotation</b>	200 degrees	360 degrees	360 degrees
<b>Vehicle Stabilizers</b>	4 hydraulically-operated stabilizer pads		
<b>Drive Train</b>	Hydraulic-powered four wheel drive		
<b>Axles - Two</b>	Drive Steer Type		
<b>Operating Modes</b>	2 Wheel, 4 Wheel, Crab Steer		
<b>Tires/Wheels</b>	26" 8 ply / 12" rims	31" 8 ply / 15" rims	35" 12 ply / 16" rims
<b>Maximum Speed</b>	4.4 MPH	4 MPH	3.6 MPH
<b>Engine Type</b>	4 Cyl., 4 stroke liquid-cooled diesel 81.5 cu. in.	4 Cyl., 4 stroke, direct-injection, liquid-cooled diesel engine 199 cu. in.	
<b>Horse Power</b>	30 HP @ 3000 rpm	65 HP @ 2600 rpm	
<b>Miscellaneous Features</b>	12 volt, hand-actuated throttle with electric shut off, hydraulic oil cooler	12 volt, key on & off, cold start aid hand-actuated throttle with electric shut off	
<b>Laser Type</b>	Custom designed Laser System with 2 independently mounted laser receivers with on-board computer control panel. Continuous elevation monitoring at a rate of 10 times per second.		
<b>Screed Type</b>	Hydraulic powered laser controlled screeding head mounted on a telescopic boom. Self-leveling screed head consists of a plow that removes excess concrete, an auger that cuts concrete to grade, and a vibrator that consolidates material at 3000 VPM.		