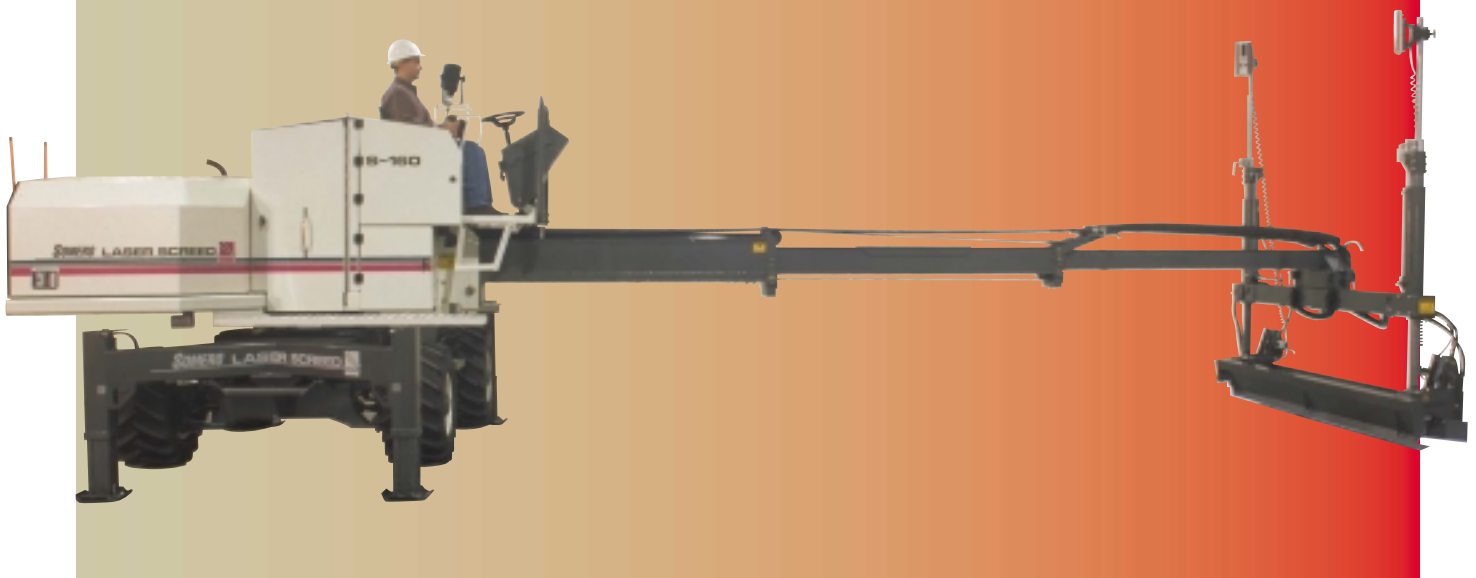


SOMERO S-160 LASER SCREED®



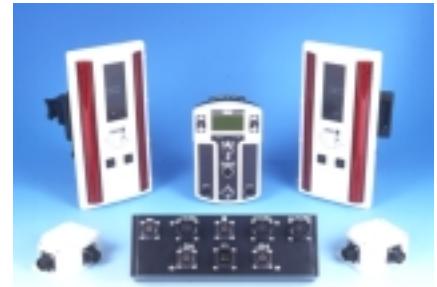
Laser Screed Technology Is Proven Profitable On Billions Of Square Feet Of Concrete Projects Worldwide!

- ***You can screed 160 square feet of low slump concrete in less than 60 seconds,*** and still meet the most demanding specs for flatness and levelness. The Somero S-160 Laser Screed features an 8-foot wide screed head mounted to a powerful 20-foot long telescoping boom, resulting in 160 square feet of consolidated, laser-level concrete per pass.

- ***Take advantage of fast-track, wide placement technology.*** The S-160 Laser Screed is completely mobile allowing you to place and screed concrete to any desirable width, eliminating most of the time consuming formwork necessary with other screeding methods.



- ***You can Laser Screed 30,000 square feet of concrete in a single day.*** Profitably put the S-160 to work on projects ranging in size from a few thousand to more than 30,000 square feet and larger.

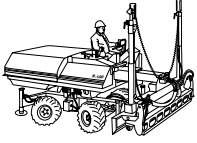
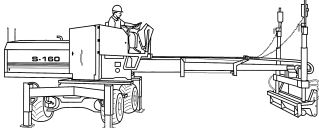
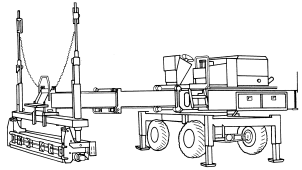


- ***Quartz Laser System.*** All of the model year 2002 Laser Screeds come equipped with the Quartz Laser System that has been developed exclusively for the Somero Laser Screed. This Laser System features more automated controls that make Laser Screeding more productive and more precise than ever before.

SOMERO®
ENTERPRISES

A DOVER INDUSTRIES COMPANY

SOMERO LASER SCREED SPECIFICATIONS

	 S-100	 S-160	 S-240
Overall Width	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
Overall Length	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
Overall Height	6' - 0"	8' - 3"	8' - 3"
Weight	7,200 lbs.	12,600 lbs.	15,100 lbs.
Boom Reach	12 ft.	20 ft.	20 ft.
Screed Width	8 ft.	8 ft.	12 ft.
Screed Area Per Pass	96 sq. ft.	160 sq. ft.	240 sq. ft.
Fuel Capacity	18 gallons	27 gallons	27 gallons
Hydraulic Oil Capacity	16 gallons	27 gallons	27 gallons
Upper Frame Rotation	200 degrees	360 degrees	360 degrees
Vehicle Stabilizers	4 hydraulically-operated stabilizer pads		
Drive Train	Hydraulic-powered four wheel drive		
Axles - Two	Drive Steer Type		
Operating Modes	2 Wheel, 4 Wheel, Crab Steer		
Tires/Wheels	26" 8 ply / 12" rims	31" 8 ply / 15" rims	35" 12 ply / 16" rims
Maximum Speed	4.4 MPH	4 MPH	3.6 MPH
Engine Type	4 Cyl., 4 stroke liquid-cooled diesel 81.5 cu. in.	4 Cyl., 4 stroke, direct-injection, liquid-cooled diesel engine 199 cu. in.	
Horse Power	30 HP @ 3000 rpm	65 HP @ 2600 rpm	
Miscellaneous Features	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	
Laser Type	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.		
Screed Type	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.		