



**MULTIQUIP**



# WRS SuperScreed



**Paving perfection**

**Construction Starts Here**

[www.multiquip.com](http://www.multiquip.com)



# WRS-Series Ride-On Roller Screed

## Panel replacement; rehabilitation; white topping.

**Multiquip's SuperScreed™ means paving perfection.**

Whether you're working highways, byways or runways, Multiquip's revolutionary SuperScreed is your answer for even the most challenging paving application.

The self-propelled SuperScreed is hydraulically driven and requires only one operator. A highly efficient strike tube precisely cuts the surface to grade, allowing even the most demanding contractor to finish the job with accuracy, efficiency and profitability. The SuperScreed is height adjustable, leveling concrete with a slump as low as 1" with incredible consistency so you spend less time and money on final grinding.

The SuperScreed is ideal for rehabilitation, panel replacement and white-topping applications and delivers the quality that has characterized Multiquip's concrete products for nearly 30 years.

If your profession is highway rehabilitation, look no further than the ultimate in paving perfection, Multiquip's SuperScreed.

### Unparalleled Productivity

- Places up to 10,000 sq. ft. per hour
- Easily strikes off concrete with slumps as low as 1"
- Expands from 14 to 52 ft.
- Advanced strike-tube design leaves aggregate at the surface for harder, longer-wearing slabs

### Super Savings

- Maximum productivity and high F-numbers offer the competitive edge at bid time
- Only one operator, two laborers and two concrete placers required for maximum results
- Return on your investment after screeding as little as 400,000 sq. ft.



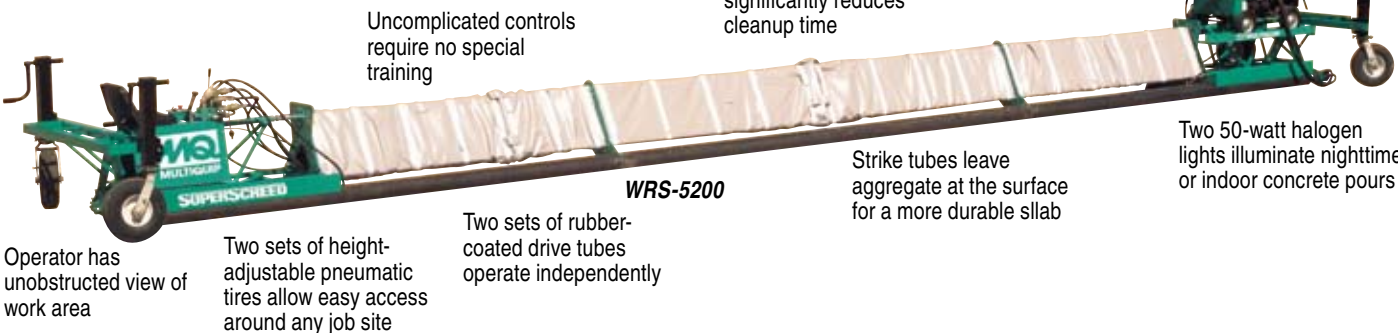
*The SuperScreed places everything from bridges and runways to super-flat industrial floors and tilt-up panels.*

### SuperScreed Applications

- Suspended slabs
- Slabs-on-grade
- Tilt-up panels
- Roads
- Post-tension slabs
- Bridges
- Elevated decks
- Runways

### Phenomenal F-Numbers

- Achieves F-numbers of 80 and higher when used in conjunction with Multiquip's Whiteman ride-on hydrostatic trowels
- Meets—and even exceeds—today's strict flatness and levelness specifications



Uncomplicated controls require no special training

Protective canvas cover significantly reduces cleanup time

Two 50-watt halogen lights illuminate nighttime or indoor concrete pours

Operator has unobstructed view of work area

Two sets of height-adjustable pneumatic tires allow easy access around any job site

Two sets of rubber-coated drive tubes operate independently

**WRS-5200**

Strike tubes leave aggregate at the surface for a more durable slab

Two 50-watt halogen lights illuminate nighttime or indoor concrete pours



# Paving Perfection

*“We use Multiquip’s SuperScreed because it’s faster to set up, easier to transport from panel to panel, and reduces the amount of final grinding required.”*

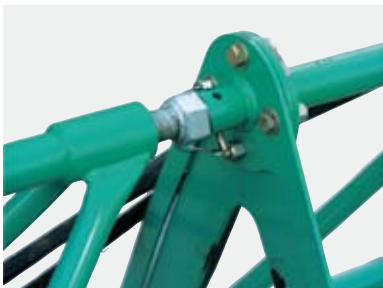
Joe McLaughlin, President and Owner  
JMcLoughlin Engineering, San Bernardino, CA

The SuperScreed delivers the type of performance you expect from larger, costlier machines. It does this while providing the features you need to get the job done quickly and with less effort.

- **Hydraulic drive system** for dependable operation without the problems associated with gear or chain and sprocket drives.
- **Steering is effortlessly and precisely controlled** with levers governing two sets of rubber-coated drive tires. The all-hydraulic design uses no electronic components.
- **Knocks down stiff mixes** — a steel strike tube with a speed of up to 450 RPM rotates in the opposite direction of travel.
- **Multiple pass capability** facilitates leveling of high spots and filling in surface voids. This feature is not always available on larger machines.
- **Minimized clean-up time** — a scraper bar and truss cover reduces the accumulation of concrete. A pressure washer comes standard to remove excess material.
- **Rides on either forms or existing slab.**
- **Easy, economical transportation** — no special permits required.
- **28-HP Vanguard diesel engines** provide power for the entire unit. No need for a secondary engine that requires additional maintenance.



*Precise alignment corrections are made with easy-to-use independent hydraulic steering controls. Shown with controller for gasoline engine.*



*Valley crown adjustments lock in at every 1/16".*



*The diesel engine control panel provides all vital information with just a glance.*



*28-HP\* liquid-cooled Vanguard diesel power pack*



# WRS-Series Ride-On Roller Screed

## SuperScreed Steel Rail and Chair System

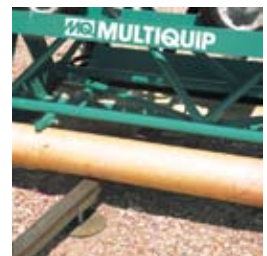
Specially designed for the SuperScreed, this optional system further increases the screed's productivity and accuracy. Base disc "chairs" and steel rails form a base on which the screed rides. The chairs are adjustable to accommodate changes in grade and the rails support the screed for a smooth, even performance.

- 300 linear feet of rail takes two people only one hour to assembly and measure for levelness.
- Rail lengths are 2.5 square inches of structural tubing in lengths of 4, 8 and 12 feet.
- Chairs are infinitely adjustable and available in two heights: short base (3.5 to 5.5 inches) and long base (5.5 to 7.5 inches).

**Step 1** — Minimal forming is needed. Assembly chair and rail system using only two workers. Measure for levelness using such basic tools as a measuring tape and level.

**Step 2** — Using the built-in jack system, the screed is easily placed on the rails.

**Step 3** — Now you are ready to pour the concrete — and achieve the flattest floors ever with the SuperScreed. Using the chair and rail system, this slab measured final  $F_f$  numbers of 89!



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## WRS-Series SuperScreed Specifications

Available lengths ft. (m)	14 (4.25), 18 (5.4), 22 (6.7) 26 (7.9), 28 (8.5), 32 (9.7), 36 (10.9), 40 (12.1), 52 (15.8)
Working width ft. (m)	1.2 (3.6) to 50 (15.2)
Strike tube speed	450 RPM maximum
Drive tube speed	150 RPM maximum
Hydraulic operating pressure	2,000 PSI maximum
Hydraulic oil	AW MV ISO 46
Engine options*	28 HP (21kW) Vanguard diesel
Height ft. (m) — gasoline powered unit	5 (1.5) at power unit
Height ft. (m) — diesel powered unit	5.25 (1.6) at power unit
Weight of power unit (gasoline) lb. (kg)	500 (227)
Weight of power unit (diesel) lb. (kg)	67 (307)
Optional hydraulic pressure washer lb. (kg)	55 (25)

\* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

All features and specifications are subject to change without notice. MQSCRED-652 Rev. B (01-08)



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