

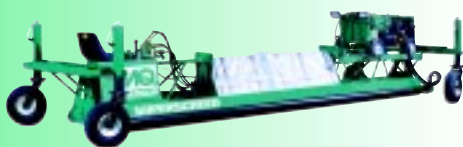


Power Screeds

Whiteman Concrete Division



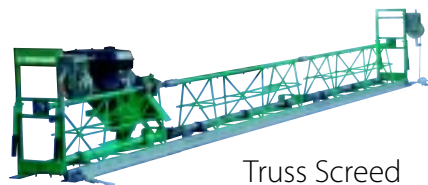
The Leader in Concrete Placing and Finishing



SuperScreed™



DuoScreed™



Truss Screed



WRS-Series Ride-on Roller Screed

Achieve optimum F-numbers in less time with less labor

Today's contractors must conform to the strictest specifications ever. Jobs must meet floor-flatness and levelness standards established by the American Concrete Institute. How can a contractor meet these demands and remain competitive?

The answer is the Whiteman **SuperScreed™** from Multiquip. No other screed obtains higher F-numbers as quickly and economically.

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

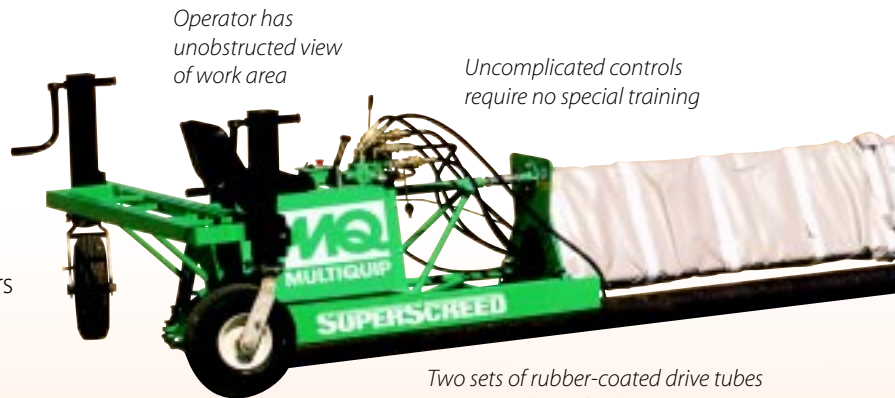
- Maximum productivity and high F-numbers offer the competitive edge at bid time
- Only one operator, two laborers and two concrete placers required for maximum results
- Return on your investment after screeding as little as 400,000 sq. ft.

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



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



Operator has unobstructed view of work area

Uncomplicated controls require no special training

Two sets of rubber-coated drive tubes operate independently

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

SuperScreed™ Applications

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

Hydraulic power pack is available with 28-HP diesel or 20-HP gasoline engine for reliable performance.



Super Performance from our Whiteman Concrete Division



Labor requirements are drastically reduced by the SuperScreed™. Most jobs require a placement crew of only five workers with minimal training.



Alignment corrections and direction changes are easily made with joystick controls that maneuver both ends of the screed separately.

Designed to Handle High-Volume Pours with Low-Slump Concrete—and Achieve Outstanding F-Numbers

Protective canvas cover significantly reduces cleanup time

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



WRS-5200 shown

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

Screed width adjusts from 12 to 52 ft.

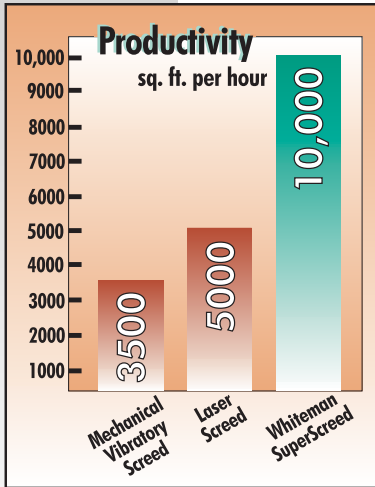
Hydraulic power pack is easily removed for security



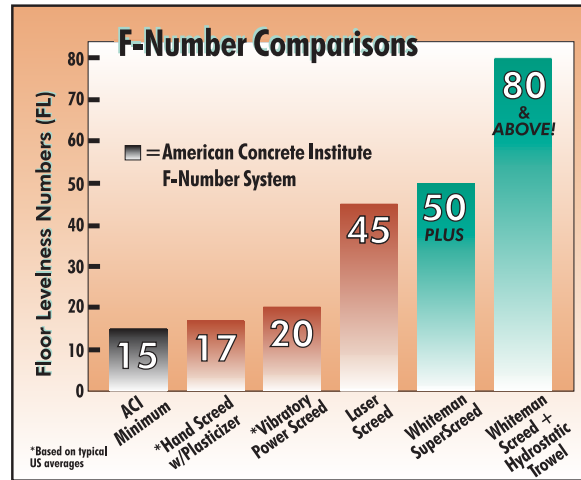
Valley crown adjustments lock in at every 1/16".



WRS-Series Ride-on Roller Screed, continued



Conventional screeds place only 3,500 to 5,000 sq. ft. of concrete per hour. The SuperScreed™ doubles your productivity by consistently placing up to 10,000 sq. ft. per hour.



Today's contractors are required to achieve minimum floor flatness and levelness numbers established by the American Concrete Institute. The Whiteman SuperScreed™ consistently achieves F_r and F_L numbers of 50 or higher. When used with MultiQuip's Whiteman Hydrostatic Trowel, the screed achieves F-numbers of 80+.

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)	Engine options	20-HP (15 kW) Onan Gasoline 28-HP (21 kW) Vanguard Diesel
Working width ft. (m)	12 (3.6 m) to 50 (15.2 m)	Height ft. (m)	5 (1.5) at power unit
Strike tube speed	450 RPM maximum	Weight of 52-ft. machine w/power unit	4,000 lbs. (1,814 kg)
Drive tube speed	150 RPM maximum	Weight of power unit	500 lbs. (227 kg)
Hydraulic operating pressure	2,000 PSI maximum	Optional hydraulic pressure washer	55 lbs. (25 kg)
Hydraulic oil	AW MV ISO 46		

MULTIQUIP'S STEEL RAIL AND CHAIR SYSTEM

Specially designed for the SuperScreed™, the steel rail and chair system is offered as an option for greater productivity.

- Rails are constructed of 2.5" tubular steel and are available in lengths of 4, 8 and 12 ft.
- Chairs are available in two heights to accommodate changes in grade: short (3.5" to 5.5") and high (5.5" to 7.5").
- Set up is fast and simple.



Screed Rail System Specifications

16934 - Base, high	16944 - Steel rail, 12-ft. section
16987 - Base, low	26014 - Steel rail, 8-ft. section
16936 - Saddle, 2.75"	26016 - Steel rail, 4-ft. section
26018 - Saddle, 1.5"	



DSB-Series Vibratory Hand DuoScreed™

"Form to form" screeding and wet-screeding with one machine



DSB-300 shown

Straightforward design and versatility makes the **DuoScreed™** a favorite of concrete contractors. For jobs large or small, no other compact screed comes close to matching it for productivity.

It quickly and easily strikes off and consolidates concrete with slumps of two inches or greater. Its vibratory action embeds aggregate and reduces air voids to produce a strong, dense slab while eliminating the strenuous, time-consuming labor of manual screeding.

The unique blade design of the **DuoScreed™** enables the operator to use it for standard form-to-form screeding or wet screeding.

- **Screed Blades** are made of an extruded aluminum alloy internally reinforced for durability. Blades weigh approximately 2.8 lbs. per ft.
- **Maneuverability** around obstructions is easy with plastic end caps allowing the operator to move around obstructions without marring the slab surface.
- **Quick-disconnect system** permits attachment and removal of blades without the use of any tools.
- **Control handles** are height adjustable and can be folded for storage of the power unit.
- **Vibrator assembly** is driven by a flexible shaft and equipped with two eccentric weights that are adjustable for different blade lengths.
- **1.5-HP Honda Engine** requires no mixed fuel and starts easily time after time.
- **Modular system**—one power unit will effectively provide vibration for blades up to 14 ft. in length.

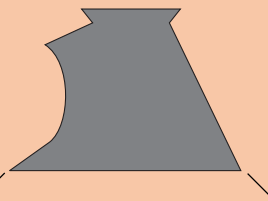
DuoScreed™ Specifications

Engine	Honda 4-cycle
HP (kW)	1.5 (1.1)
Vibration method	Dual eccentric weights
Weight lbs (kg)	35 (16)
Drive system	Flexible shaft
Blade lengths ft. (m)	4.9 (1.5), 6.2 (1.9), 8.2 (2.5), 12.3 (3.75), 13.9 (4.25), 16.4 (5.0) 18.0 (5.5), 19.6 (6.0)
Blades over 16 ft. require two power units.	



DUO SCREED
BLADE PROFILE

Conventional
form to form
screed edge



Wet screed edge



WSH-Series Vibratory Truss Screenshot

The power screed that's designed to meet today's tougher standards for flatter floors

Available in either air-powered or engine-driven configurations, this truss screed provides consistently dependable performance. Its steel construction resists rough handling while striking off slabs with depths up to 11 inches.*

Engine-Driven Models

- Eccentric shaft design produces 8,000 vibration cycle nodes per minute
- Ideal for slab, bridge and highway applications
- Honda engines available in 8- or 13-HP models

Air-Powered (Pneumatic) Models

- Piston vibrators produce 9,500VPM making it perfect for applications requiring low slump concrete or deep lifts
- Vibrators spaced at 30-inch centers for uniform consolidation
- Air consumption per vibrator is 4CFM at 60 PSI

Rugged Steel Construction

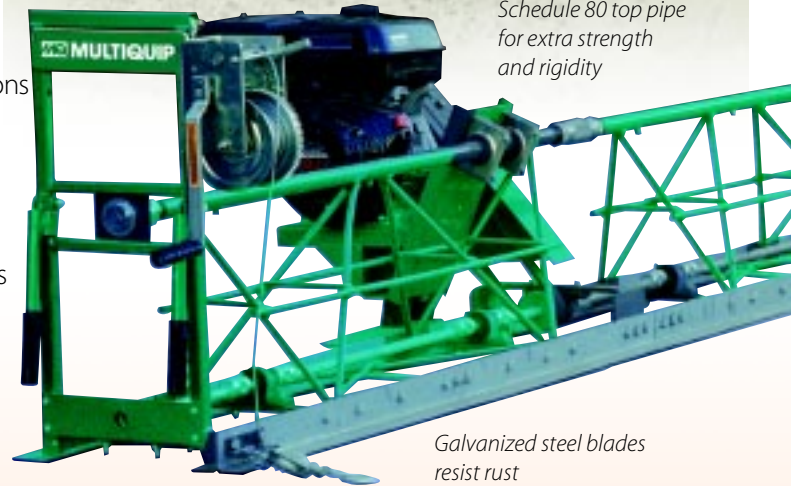
- Steel construction prevents the screed from riding up on stiff mixes
- Schedule 80 top pipe with fine thread (16TPI) for grade control
- Truss rods guarantee structural integrity and maximize vibration
- Blades constructed of 10-gauge, galvanized steel for maximum durability and rust resistance
- Variety of lengths (2, 2.5, 5, 7.5 and 10 ft.) allow sizing according to job requirements

*Job requirements may cause performance specifications to vary.



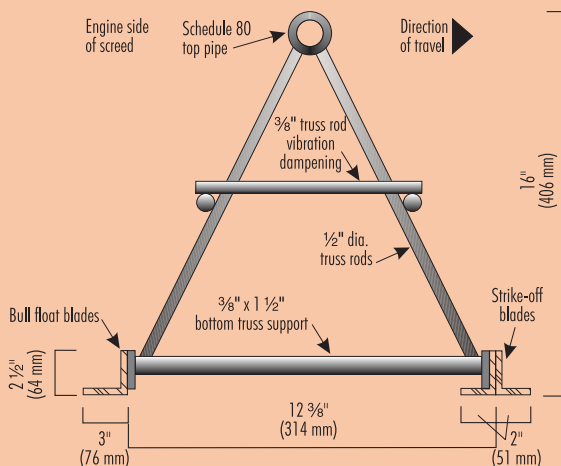
8-HP or 13-HP Honda engines

Schedule 80 top pipe for extra strength and rigidity



Galvanized steel blades resist rust

CROSS SECTION OF SCREED



Air-Powered Screenshot Specifications

Air-Powered Screenshot Sections

WS-HA-20	2 ft. (.6 m) section, 2 vibrators
WS-HA-25	2.5 ft. (.76 m) section, 4 vibrators
WS-HA-50	5 ft. (1.5 m) section, 4 vibrators
WS-HA-75	7.5 ft. (2.2 m) section, 6 vibrators
WS-HA-100	10 ft. (3 m) section, 8 vibrators

Air-Powered Screenshot Accessories

WS-HA-H	End handle set (2 ea.) includes air controller & lubricator
WS-HA-EXT-6"	End handle set (2 ea.) with 6" (15 cm) extensions
WS-HA-EXT-12"	End handle set (2 ea.) with 12" (30 cm) extensions
WS-HA-EXT-18"	End handle set (2 ea.) with 18" (46 cm) extensions
WS-HW	Hand winch set (2 ea.)
WS-HA-IC	Invert crown kit
WS-H-RB	Reinforcement bracket
WS-KIT-AEB	Adjustable end bracket
WS-KIT-AEBR	Adjustable end bracket with rollers

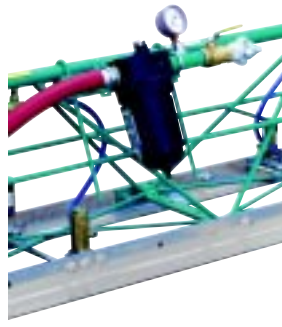
Designed for unmatched performance by our Whiteman Concrete Division



End handles with extension facilitate handling on the slab



Naval bronze air vibrators are rust resistant and deliver high frequency vibrations.



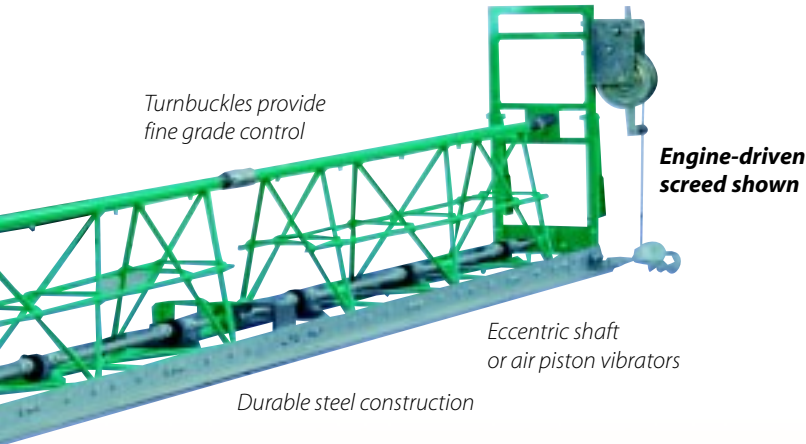
Air regulator and mist lubricator keep piston vibrators performing under optimum conditions. (Included in WS-HA-H.)



Self-propelled winches minimize labor and offer adjustable travel speeds of 0-12 ft. per minute.

2,500 lb. manual winches with 1/8" cable

Turnbuckles provide fine grade control



Engine-driven screed shown

Eccentric shaft or air piston vibrators

Durable steel construction

Engine-Driven Screed Specifications

Engine-Driven Screed Sections

WS-HE-20	2 ft. (.6 m) section
WS-HE-25	2.5 ft. (.76 m) section
WS-HE-50	5 ft. (1.5 m) section
WS-HE-75	7.5 ft. (2.2 m) section
WS-HE-100	10 ft. (3 m) section

Engine-Driven Screed Accessories

WS-HE-H	End handle set (2 ea.)
WS-HE-EXT-6"	End handle set (2 ea.) with 6" (15 cm) extensions
WS-HE-EXT-12"	End handle set (2 ea.) with 12" (30 cm) extensions
WS-HE-EXT-18"	End handle set (2 ea.) with 18" (46 cm) extensions
WS-HW	Hand winch set (2 ea.)
WS-HE-SPW (L)	Self-propelled winch (left side) mounted on 2.5 ft. (.76 m) section
WS-HE-SPW (R)	Self-propelled winch (right side) mounted on 2.5 ft. (.76 m) section
WS-HE-KIT-FC	Flex coupler kit
WS-HE-KIT-UJ	Universal joint kit
WS-HE-IC	Invert/crown kit
WS-H-RB	Reinforcement bracket
WS-HE-KIT8H	8-HP Honda engine & mounting kit*
WS-HE-KIT11H	11-HP Honda engine & mounting kit*
WS-KIT-AEB	Adjustable end bracket
WS-KIT-AEBR	Adjustable end bracket with rollers

*Also available mounted on 5 ft. (1.5 m) truss sections

CROWNING ACCESSORIES

Enable you to meet engineering specifications for drainage. Kits are available for either air- or engine-driven screeds for the creation of slight to extreme crowns or inverts.

FLEX COUPLER KIT

Designed exclusively for engine-driven screeds. Consists of a ball-joint coupler for the top pipe and a flexible coupler for the eccentric shaft. Used for crowns/inverts up to 1/8" per foot.

UNIVERSAL JOINT KIT

Designed exclusively for engine-driven screeds. Consists of a ball-joint coupler for the top pipe and universal joint for the eccentric shaft. Used for crowns/inverts up to 1/4" per foot.

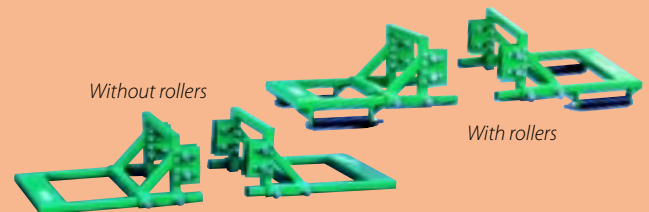


INVERT/CROWN KIT

Provides widest range of motion for crowns or inverts in excess of 1/4" per foot. Kits for air- or engine-powered models.

ADJUSTABLE END BRACKETS

Permit horizontal and vertical adjustment of the screed for applications where concrete is being poured below grade. The brackets allow the screed to ride across forms, walls or existing slabs. Models are available with or without rollers and fit either air- or engine-powered models.



REINFORCEMENT BRACKET

Improves structural rigidity and minimizes deflection of screed on wide pours. Fits either air- or engine-powered models.

THE COMPLETE CONCRETE SYSTEM

from Multiquip



**Ride-On
Power Trowels**



**Walk-Behind
Power Trowels**



**Ride-On
Screeds**



**Plaster/Fireproofing
Pumps**



Saws & Blades



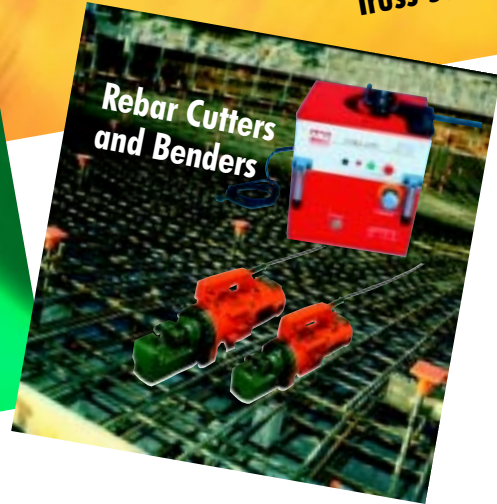
**Vibratory
Truss Screeds**



**Flex-Shaft, HighCycle
and Micon Vibrators**



DuoScreeds



**Rebar Cutters
and Benders**

Your Multiquip Dealer is:

To see our complete line of products, ask for our Equipment Guide or check out our website at www.multiquip.com



MULTIQUIP INC.
POST OFFICE BOX 6254
CARSON, CA 90749
TEL: 310-537-3700 • 800-421-1244
FAX: 310-537-3927
E-MAIL: mq@multiquip.com
www.multiquip.com

Atlanta • Boise • Dallas • Newark • Philadelphia • Montreal, Canada
Manchester, UK • Rio de Janeiro, Brazil • Guadalajara, Mexico

COMPACTION CONCRETE GENERATORS WELDERS PUMPS
POWER SCREEDS 1111 (09-01)

© COPYRIGHT 2001, MULTIQUIP INC.