

VIBRATORY TRUSS SCREED

**MQ WHITEMAN**

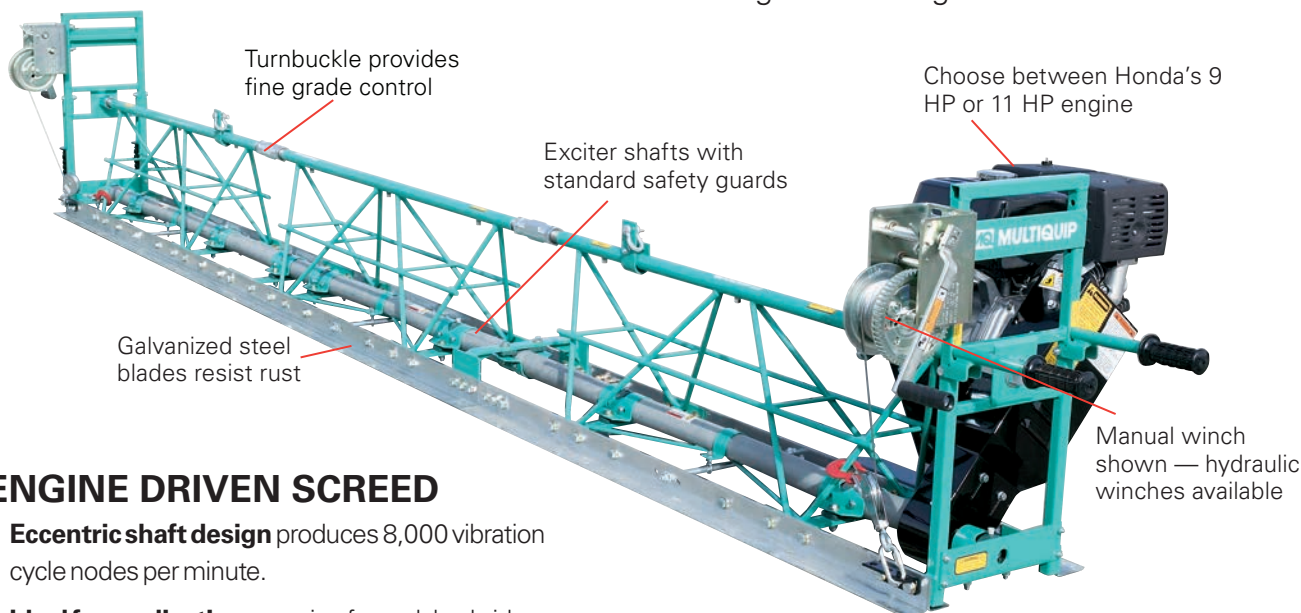
**Air and Engine Powered  
Steel Screeds**





**MQ/Whiteman's** vibratory truss screed exceeds contractor's expectations for leveling pavement and industrial floors. Its proven design has made it a favorite of concrete contractors for years.

Available in either air powered or engine-driven configurations, this truss screed will provide dependable performance on the job. Its modular design gives contractors the ability to adapt the screed to meet their length requirements by adding or removing sections.

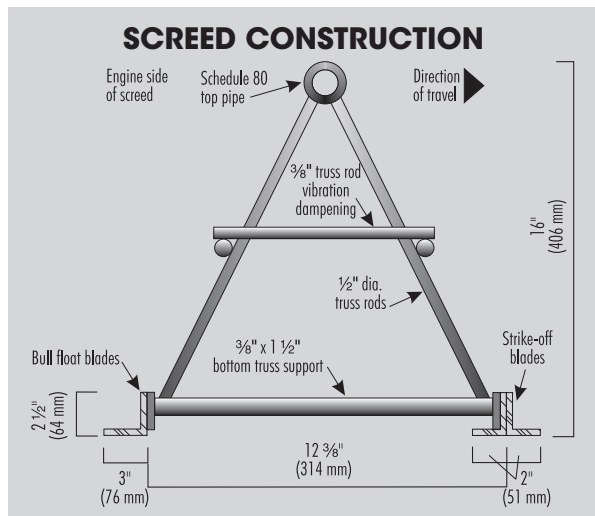


## ENGINE DRIVEN SCREED

- **Eccentric shaft design** produces 8,000 vibration cycle nodes per minute.
- **Ideal for applications** ranging from slabs, bridges and highways.
- **Powered by either 9 HP or 11 HP Honda engines.** Engine kits are available factory installed on 5-foot truss sections for reduced set up time at the job site.
- **Winch options** include manual or self-propelled models. Self-propelled models are each mounted on a 2.5-foot section of screed.
- **Crowns/Inverts** may be obtained with optional kits.

## STEEL TRUSS DESIGN

- **Steel construction** keeps the screed from riding up on stiff concrete mix designs and helps obtain level floors.
- **Top pipe manufactured from schedule 80 steel** — features 16 TPI thread to provide fine grade control should crowns or inverts be required.
- **Screed blades are constructed of 10-gauge galvanized steel** for rust resistance and maximum durability.
- **End handle kits** available for both air- or engine-driven models.

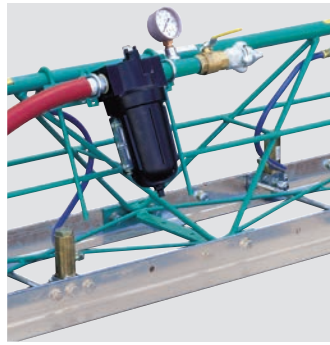


**Screed Dolly** accessory improves job site mobility and simplifies screed handling.

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



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



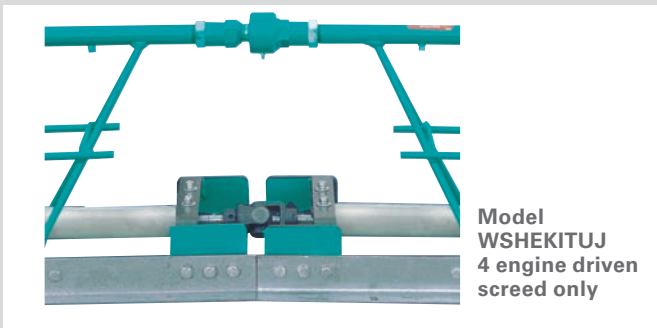
Air regulator and mist lubricator keeps piston vibrators performing under optimum conditions. (Included with WSHAH end handle kit.)

## AIR POWERED SCREED

- **Naval bronze piston vibrators** produce 9,500 vibrations per minute.
- **Uniform consolidation** — vibrators are spaced at 30-inch centers.
- **Capable of striking off slabs up to 11-inches thick** — performance may vary according to mix design and job requirements.
- **Air consumption** rated at 4 CFM at 60 PSI per vibrator
- **Crowns/Inverts** up to ¼-inch per foot are attainable without an optional kit.

## SCREED ACCESSORIES

A full range of accessories is available to ensure your air- or engine-driven truss screed can meet changing job requirements.



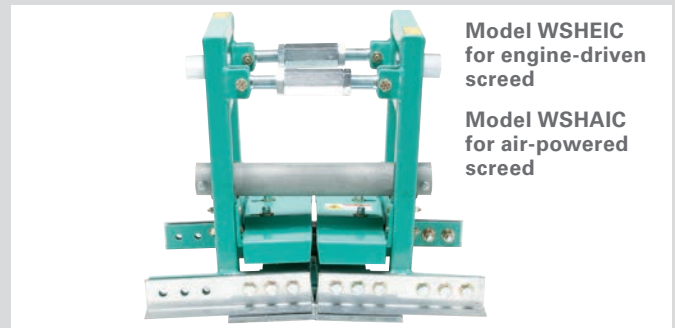
Model  
WSHEKITUJ  
4 engine driven  
screed only

**Universal Joint Kit** – Designed exclusively for engine-driven screeds, this kit contains a ball-joint coupler for the screed top pipe and a universal joint for the eccentric shaft. Installed between two screed sections it allows for crowns or inverts up to ¼-inch per foot without extending the overall length of the screed.



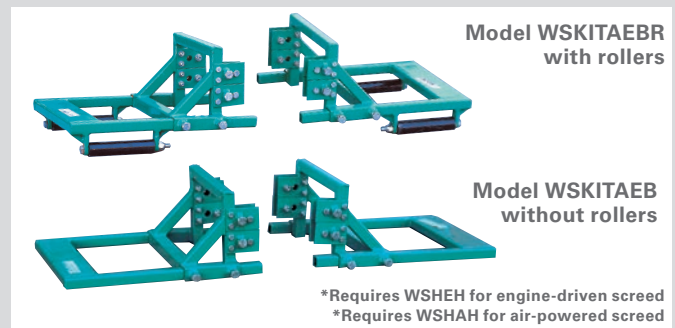
Model WSHRBE for engine-driven screed  
Model WSHRBA for air-powered screed

**Reinforcement Brackets** – Improve structural rigidity of frame section. Recommended when extending past 40 feet.



Model WSHEIC  
for engine-driven  
screed  
  
Model WSHAIC  
for air-powered  
screed

**Invert/Crown Kit** – Models are available for either air or engine-driven screeds. This kit provides the greatest range of motion for crowns or inverts in excess of ¼-inch per foot.



Model WSKITAEBR  
with rollers

Model WSKITAEB  
without rollers

\*Requires WSHEH for engine-driven screed  
\*Requires WSHAH for air-powered screed

**Adjustable End Brackets** – Enable horizontal and vertical adjustment of the screed for applications when concrete is being poured below grade. Brackets allow the screed to ride across forms, walls or existing slabs. Models are available with and without rollers and adapt to either air or engine driven screed.



# Specifications

## Air-Powered Screed Sections

Recommended Slump* in (mm)	2-inch + (51mm+)	
Max. Concrete Depth* in (mm)	12-inch (305mm)	
Max. Screed Width* ft (m)	65 (19.8)	
Model	Description	Weight lb. (kg)
WSHA25	2.5-foot (.76 m) truss with 2 air piston vibrators	50 (23)
WSHA50	5-foot (1.5 m) truss with 4 air piston vibrators	95 (43)
WSHA75	7.5-foot (2.3m) truss with 6 air piston vibrators	130 (59)
WSHA100	10-foot (3.1 m) truss with 8 air piston vibrators	190 (86)

## Air-Powered Screed Accessories

Model	Description	Weight lb. (kg)
WSHAH	End handles (two each) and air regulator kit	54 (27)
WSHW	Manual Winches, set of two	42 (19)
WSKITAEB	Adjustable end brackets, set of two, skid type	24 (11)
WSKITAEBR	Adjustable end brackets, set of two, roller type	26 (12)
WSHAIC	Invert/crown kit, for adjustments in Excess of ¼-inch per foot	98 (41)
WSHRBA	Screed - Air, Reinforcement bracket	6 (2.7)
36243	Truss screed dolly	50 (23)

\* 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.

## Engine-Powered Screed Sections

Recommended Slump* in (mm)	3-inch (76mm)	
Max. Concrete Depth* in (mm)	8-inch (203mm)	
Max. Screed Width* ft (m)	65 (19.8)	
Model	Description	Weight lb. (kg)
WSHE25	2.5-foot (.76m) truss with eccentric shaft vibration	57 (26)
WSHE50	5-foot (1.5 m) truss with eccentric shaft vibration	95 (43)
WSHE75	7.5-foot (2.3 m) truss with eccentric shaft vibration	136 (62)
WSHE100	10-foot (3.1 m) truss with eccentric shaft vibration	190 (86)

## Engine-Powered Screed Accessories

Model	Description	Weight lb. (kg)
WSHEH	End handles (two each)	54 (27)
WSHW	Manual Winches, set of two	42 (19)
WSHESPW(L)	Self-propelled winch (left side), includes 2.5-foot truss	105 (48)
WSHESPW(R)	Self-propelled winch (right side), includes 2.5-foot truss	105 (48)
WSHRBE	Reinforcement bracket, engine screed	6 (2.7)
WSKITAEB	Adjustable end brackets, set of two, skid type	24 (11)
WSKITAEBR	Adjustable end brackets, set of two, roller type	26 (12)
WSHEKITUJ	Invert/crown kit, for adjustments up to ¼-inch per foot	22 (10)
WSHEIC	Invert/crown kit, for adjustments in Excess of ¼-inch per foot	98 (41)
WSHEKIT9H	9 HP* Engine Kit	112 (51)
WSHE50KIT9H	9 HP* Engine Kit installed on 5-foot section	207 (94)
WSHEKIT11H	11 HP* Engine Kit	112 (51)
WSHE50KIT11H	11 HP* Engine Kit installed on 5-foot section	207 (94)
36243	Truss screed dolly	50 (23)

## Recommended Engine Accessories based on Screed Length

Screed Length ft (m)	9 HP* Engine	11 HP* Engine	Self-propelled Winches	WSEHIC	WSHEKITUJ	WSHRBE
0-39 (0-12)	✓		✓	✓	✓	
40-49 (12-15)		✓	✓	✓	✓	✓
50-65 (15-20)		✓	✓			✓

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