

MQ MULTIQUIP®



Vibratory Truss Screeds



**Air and engine
powered models**

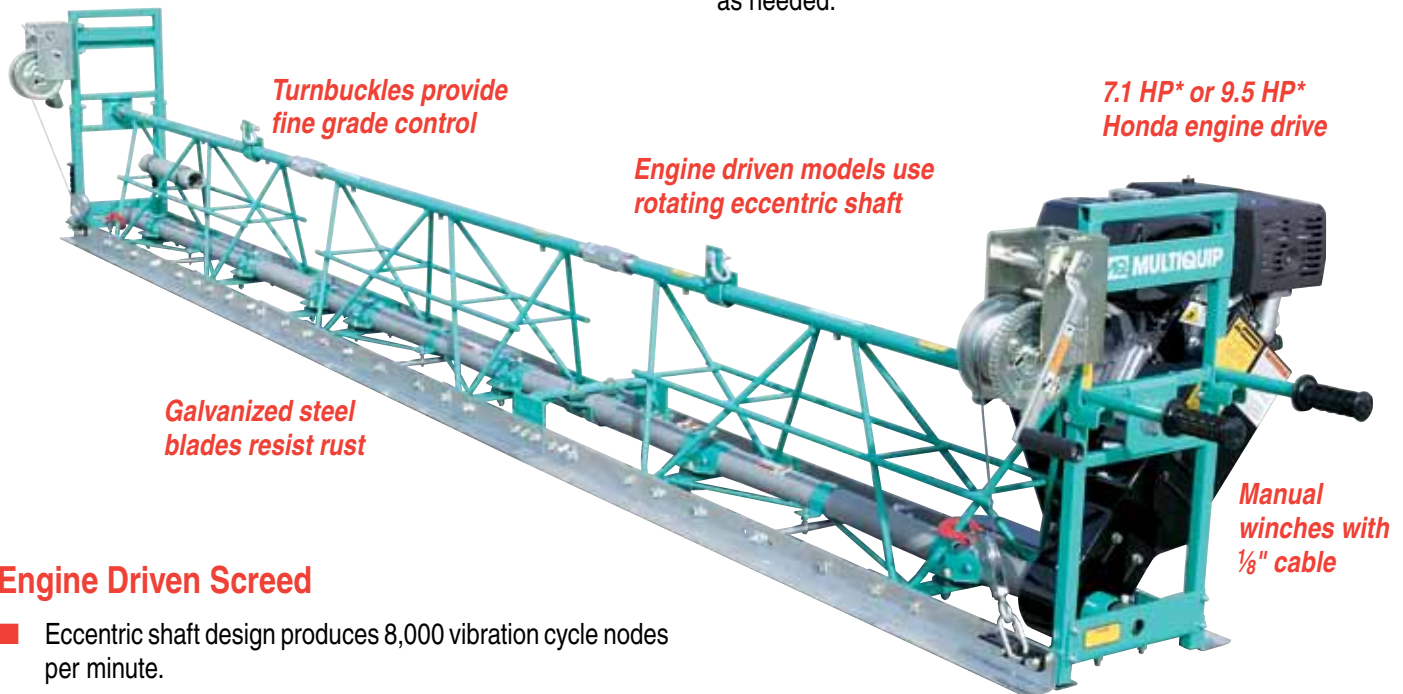
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Vibratory Truss Screeds

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 over a decade.

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



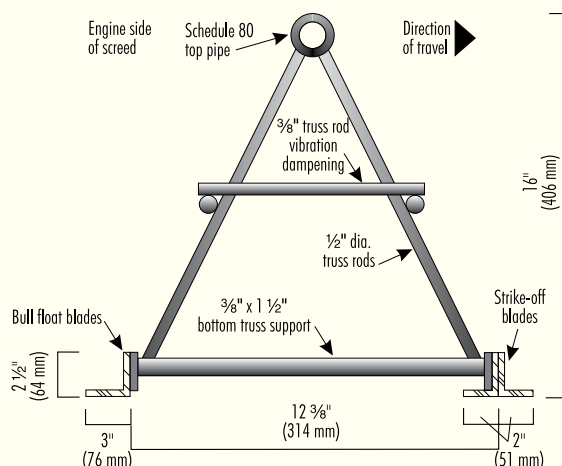
Engine Driven Screed

- Eccentric shaft design produces 8,000 vibration cycle nodes per minute.
- Ideal for slab, bridge and highway applications
- Powered by either 7.1 HP or 9.5 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.
- Top pipe manufactured from schedule 80 steel and features 16 TPI thread to provide fine grade control should crowns or inverts be required. Crown/Invert kit may be required depending on grade requirements.
- Screed blades are constructed of 10-gauge galvanized steel for rust resistance and maximum durability.

SCREED CONSTRUCTION



End handles with extension facilitate handling on the slab.



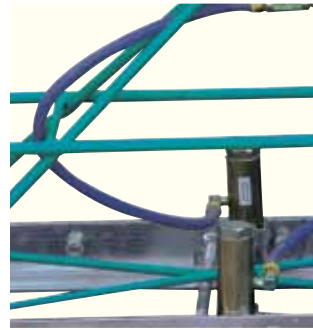
Self-propelled winches minimize labor and offer adjustable travel speeds of 0-12 ft. per minute.



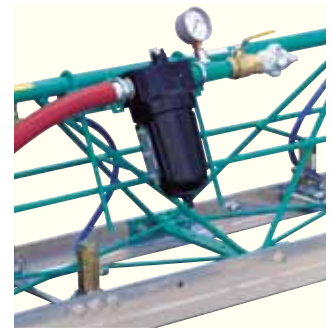
Air and engine powered models

Air-Powered Screed

- Naval bronze piston vibrators produce 9,500 vibrations per minute
- Vibrators are spaced at 30-inch centers for uniform consolidation
- 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



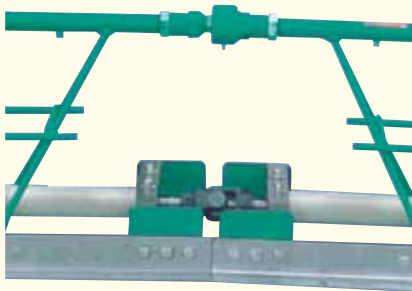
Naval bronze air vibrators are rust resistant and deliver high frequency vibration.



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

Screed Accessories

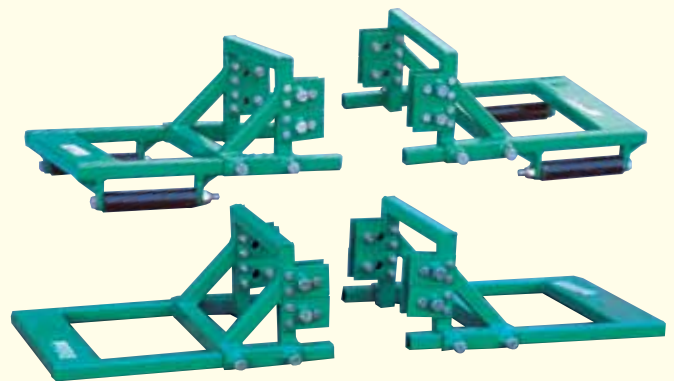
A full range of accessories is available to ensure your air- or engine-driven truss screed can meet changing job requirements.



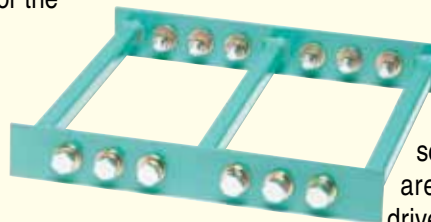
Universal Joint Kit – Designed exclusively for engine-driven screeds, this kit contains a ball-joint coupler for the screed top pipe and a universal joint for the eccentric shaft. Installed between two screed sections it allows for crowns or inverts up to ¼-inch per foot without extending the overall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



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: WSHEIC for engine-driven screed; WSHEAC 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. Models: WSKITAEB less rollers; WSKITAEBR includes rollers.



Reinforcement Brackets — Improve structural rigidity and minimizes deflection of screed on longer spans. Brackets are available for air or engine-driven screed. Models: WSHRBE for engine-driven screed; WSHRBA for air-powered screed.



Screed Dolly – Improves job site mobility and simplifies handling of the screed. Model: 36243

Vibratory Truss 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 (mm)	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)

Engine-Powered Screed Sections

Recommended Slump* in (mm)	3-inch (76mm)	
Max. Concrete Depth* in (mm)	8-inch (203mm)	
Max. Screed Width* ft (mm)	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)

Recommended Accessories based on Screed Length

Screed Length ft (m)	7.1 HP* Engine	9.5 HP* Engine	Self-propelled Winches	WSEHIC	WSHEKITUJ	WSHRRBE
0-39 (0-12)	✓		✓	✓	✓	
40-49 (12-15)		✓	✓	✓	✓	✓
50-65 (15-20)		✓	✓			✓

* 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.

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)
WSHRBA	Reinforcement bracket, air 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)
WSHAIC	Invert/crown kit, for adjustments in excess of ¼-inch per foot	62 (28)
36243	Truss screed dolly	50 (23)

Engine-Powered Screed Accessories

Model	Description	Weight lb. (kg)
WSHEH	End handles (two each)	54 (27)
WSHW	Manual Winches, set of two	42 (19)
WSHSPW(L)	Self-propelled winch (left side), includes 2.5-foot truss	105 (48)
WSHSPW(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)
WSHEKIT8H	8HP* Engine Kit	112 (51)
WSHE50KIT8H	7.1 HP* Engine Kit installed on 5-foot section	207 (94)
WSHEKIT11H	9.5 HP* Engine Kit	112 (51)
WSHE50KIT11H	11HP* Engine Kit installed on 5-foot section	207 (94)
36243	Truss screed dolly	50 (23)

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