Ride-On Power Trowels

Hydrostatic and Mechanical Drive Models
Hydrostatic Ride-On Trowels

*Raising the bar for performance.*

Whiteman hydraulic ride-on power trowels deliver all the features contractors demand from high performance finishing equipment. Now, with innovative features such as SmartPitch, Power Management and Cruise Control we help you get the most performance out of your equipment. These remarkable machines will help improve your F-numbers and change the way you think about ride-on trowels.

**THE STX SERIES**

With a span of ten feet, it provides maximum coverage while enabling you to produce floors with consistently superior levels of flatness. Twin six-blade rotors are driven by a powerful 55-HP* Yanmar turbo diesel engine chosen for its ability to withstand the tough concrete finishing environment.

**Six-Blade Spider**

- **Exclusively** on ten-foot STX and HTXD6i Hydrostatic Trowels.
- **Achieve 33% more blade contact** for the fastest, flattest finish possible.
- **Obtain superior maneuverability and control.**
- **Reduce wear on pans and blades** due to outstanding balance and weight distribution.
NEW! SmartPitch® control allows the operator to synchronize the pitch of both rotors with the simple touch of a button.

NEW! Power Management senses load and adjusts hydraulic pump stroke to ensure the unit operates at peak efficiency under all conditions. Eliminates engine bogging under severe loads.

NEW! Cruise Control enables operator to electronically lock in preferred rotor speed and reduces fatigue.

Hydrostatic drive supplies optimum power to each rotor assembly for reliable performance. It reduces service costs by eliminating maintenance items such as belts, clutches and gearboxes.

Non-overlapping rotors are powered by independent drive motors that consistently deliver the high torque required for pan applications and the high speed for final finishing.

Retardant spray system is actuated by controls located on the steering handles for uniform coverage of the slab surface.

Adjustable seat features armrests and provides essential back support. All controls and warning lights are convenient to the operator.

Automatic shut-down beneath the seat stops the rotors from turning if the operator stands up while the engine is running.

Proportional hydraulic steering has been enhanced and offers improved responsiveness with minimal effort on the part of the operator.

THE HTXD6i reaches a top rotor speed of 160 RPM and produces 20% more HP than previous generations models.

Additional HTX and STX Series Features

- NEW! SmartPitch® control allows the operator to synchronize the pitch of both rotors with the simple touch of a button.
- NEW! Power Management senses load and adjusts hydraulic pump stroke to ensure the unit operates at peak efficiency under all conditions. Eliminates engine bogging under severe loads.
- NEW! Cruise Control enables operator to electronically lock in preferred rotor speed and reduces fatigue.
- Hydrostatic drive supplies optimum power to each rotor assembly for reliable performance. It reduces service costs by eliminating maintenance items such as belts, clutches and gearboxes.
- Non-overlapping rotors are powered by independent drive motors that consistently deliver the high torque required for pan applications and the high speed for final finishing.
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- Automatic shut-down beneath the seat stops the rotors from turning if the operator stands up while the engine is running.
- Proportional hydraulic steering has been enhanced and offers improved responsiveness with minimal effort on the part of the operator.

Hinged panels make servicing easy by allowing quick access to filters and trowel blades.

Removable steps provide quick access to trowel blades.

Operator Controls are ergonomically designed and positioned for ease of use.

Raised operator’s platform includes lockable storage compartment.

Spider assemblies feature long-lasting wear plates and spider hubs.
Mechanical Ride-On Trowels

Multiquip sets new standards for performance, serviceability, and sustainability from a gearbox driven machine.

The HHX raises the bar with features that deliver utility and convenience you won’t find on any other trowel.

- Swing-away upper frame design for simplified maintenance.
- Helical gearboxes offering the industry’s most efficient, trouble-free design.
- Continuously Variable Transmission for optimum performance during pan floating or final finishing.
- Six 55 watt Hella halogen lights provide class leading illumination for nighttime and indoor work.
- Proportional hydraulic steering offers improved responsiveness with minimal effort on the part of the operator.
- Twin Pitch Control for fast, easy adjustment of blades.

**Swing-away upper frame design makes service and maintenance easy.**

**Five-Blade Spider**
- Exclusively on eight-foot HHX & HHN models.
- Achieve 25% more blade contact for faster, flatter finishing.
- Gain improved handling and control.
- Reduce wear on pan and blades due to better balance and weight distribution.


Make sure your equipment is capable of delivering the high-quality results you demand day in and day out. Multiquip mechanical ride-on trowels are the most powerful and dependable machines in the industry.

- **Retardant spray system** is actuated by controls located on the steering handles for uniform coverage of the slab surface.
- **Weather resistant polyethylene fuel tank and battery box** eliminates corrosion.
- **Halogen lights** provide illumination for nighttime or indoor work.
- **Servicing is made easy by a frame design that allows quick access to fill ports and filters.**
- **Operator is able to completely view the finishing surface through the frame.**
- **Rugged frame is made of chromemoly steel to withstand the rigors of handling and transportation.**
- **High-performance engines withstand the rigors of concrete finishing.**
- **Spider assemblies can be economically rebuilt and feature long-lasting wear plates and spider hubs.**
- **Riding points are built into the machine for balanced lifting.**
- **Mechanical TwinPitch control** for fast, accurate adjustment of trowel blades.
- **Continuously variable transmission (CVT)** provides superior performance by adjusting the drive ratio to obtain optimum torque and speed levels during pan floating and high-speed finishing.
- **Patented steering assist** prevents operator fatigue and makes controlling the machine remarkably easy—even with float pans. Available on all models except JTO-Series.
- **Automotive style CV-joints** ensure the consistent transfer of power to each gearbox. Spare belt carrier, conveniently located on the shaft, provides backup v-belts in the event one should break on the job.

**THE HHN SERIES**

is equipped with the coolest running gearbox in the industry. Power is supplied by a 34-HP diesel engine that spins twin five-blade rotors to a top speed of 160 RPM.

Two-year warranty covers parts and labor on ride-on trowel gearboxes. One-year warranty covers parts and labor on the entire machine.

(HHN shown. Called-out features typical of all mechanical trowels.)
Mechanical Ride-On Trowels

The ideal trowels for contractors who need hard-working, long-lasting, user-friendly machines.

Proven heavy-duty worm-drive design features large oil capacities and integral cooling fans to reduce heat build-up and are standard equipment on HTN and JWN-Series machines.

THE HTN SERIES
The entry level eight foot mechanical. Models are available with Kohler carbureted or fuel injected gasoline engines, along with all the features you expect to find on a Whiteman ride-on trowel.

THE JWN SERIES
These versatile six-foot machines are ideal for jobs up to 6,000 sq. ft. Their lightweight design is ideal for high-rises and enable contractors to get on the slab faster. The JWN is equipped with heavy-duty gearboxes and a continuously variable transmission that delivers a lightning fast rotor speed of 180 RPM.
Blades, Pans and Accessories

Perfection lies in the details...

That’s why Multiquip takes such care in designing the accessories for its distinctive line of power trowels. Stay with the leader by using Genuine Multiquip pans and trowel blades.

MQ/Whiteman blades are made of heat-treated trowel steel, formulated to our specifications for maximum wear resistance and long life. Our blades are manufactured with additional rivets for greater uniformity and torsional strength. This increases machine stability and produces a smoother, flatter finish.

Enduro Blades use heavier gauge steel to achieve up to 50% longer life than conventional trowel blades. They are ideal for heavier walk-behind trowels and ride-on trowels. Quick Change Blades offer a simple, fast alternative to bolt-on blades. A re-useable mounting bar and channel mount blade system allows replacement of blades in minutes without the use of tools.

Some brands of trowel blades on the market today may resemble the MQ/Whiteman blade, but none comes close in quality, attention to detail and overall value.

Multiquip offers float pans designed specifically for all your panning needs.

- Allow operators to get on the slab later.
- Achieve higher $F_F$ numbers and increased production.
- Removes the high spots and fills in low areas on the slab surface.

Transport Dollies

EMR3 transport dolly for ease of maneuverability around the shop or jobsite.

Trowel Arm Fixture

- Quickly check the alignment of each trowel arm with this simple tool.

EMR2 transport dolly (shown with JWN) for moving mechanical trowels around the workplace or on the jobsite.
## Ride-On Trowel Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Engine</th>
<th>Engine Cooling</th>
<th>HP*</th>
<th>Blades Per Rotor</th>
<th>Rotor RPM</th>
<th>Path Width in. (cm)</th>
<th>Fuel Tank Capacity gal. (litr)</th>
<th>Run Time gal./hr. (litr/hr)</th>
<th>LxWxH in. (cm)</th>
<th>Operating Weight lbs. (kg)</th>
<th>Wheel Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Twin 60’ Non-Overlapping</strong></td>
<td></td>
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<tr>
<td>STXD6i</td>
<td>Yanmar Turbo Diesel</td>
<td>Liquid</td>
<td>55</td>
<td>6</td>
<td>10-130</td>
<td>117 (297)</td>
<td>11 (42)</td>
<td>2.81 (10.63)</td>
<td>125 x 65 x 57 (318 x 165 x 145)</td>
<td>2270 (1030)</td>
<td>EMR3</td>
</tr>
<tr>
<td><strong>Twin 48’ Non-Overlapping</strong></td>
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<tr>
<td>HTXD6i</td>
<td>Yanmar Turbo Diesel</td>
<td>Liquid</td>
<td>55</td>
<td>6</td>
<td>10-160</td>
<td>92 (233)</td>
<td>11 (42)</td>
<td>2.36 (8.93)</td>
<td>95 x 48 x 57 (241 x 122 x 145)</td>
<td>2100 (952)</td>
<td>EMR3</td>
</tr>
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<td><strong>Twin 48’ Non-Overlapping</strong></td>
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<tr>
<td>HHXD5</td>
<td>Vanguard Turbo</td>
<td>Liquid</td>
<td>34</td>
<td>5</td>
<td>40-170</td>
<td>91 (231)</td>
<td>9 (34)</td>
<td>1.58 (5.98)</td>
<td>98 x 50 x 54 (249 x 127 x 137)</td>
<td>1440 (658)</td>
<td>EMR2 or EMR3</td>
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<tr>
<td>HHN34TVDTC5L5</td>
<td>Vanguard Turbo</td>
<td>Liquid</td>
<td>34</td>
<td>5</td>
<td>40-160</td>
<td>91 (231)</td>
<td>5 (19)</td>
<td>1.58 (5.98)</td>
<td>95 x 48 x 46 (241 x 122 x 117)</td>
<td>1180 (535)</td>
<td>EMR2 or EMR3</td>
</tr>
<tr>
<td><strong>Twin 48’ Non-Overlapping</strong></td>
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<tr>
<td>HTN27KTCSL</td>
<td>Kohler Air</td>
<td></td>
<td>27</td>
<td>4</td>
<td>40-140</td>
<td>91 (231)</td>
<td>4.4 (17)</td>
<td>2 (7.57)</td>
<td>95 x 48 x 46 (241 x 122 x 117)</td>
<td>780 (354)</td>
<td>EMR2</td>
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<tr>
<td>HTN28KTCSL</td>
<td>Kohler Air</td>
<td></td>
<td>28</td>
<td>4</td>
<td>40-140</td>
<td>91 (231)</td>
<td>4.4 (17)</td>
<td>2 (7.57)</td>
<td>95 x 48 x 46 (241 x 122 x 117)</td>
<td>800 (363)</td>
<td>EMR2</td>
</tr>
<tr>
<td><strong>Twin 36’ Non-Overlapping</strong></td>
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<tr>
<td>JWN24HTCSL</td>
<td>Honda Air</td>
<td></td>
<td>20</td>
<td>4</td>
<td>36-180</td>
<td>75 (191)</td>
<td>2.2 (8)</td>
<td>1.71 (6.47)</td>
<td>77 x 39 x 48 (196 x 99 x 122)</td>
<td>685 (209)</td>
<td>EMR2</td>
</tr>
</tbody>
</table>

**For current production units only. May not adapt to older models. Models listed are equipped with TwinPitch control, Halogen Lights and Spray System. Batteries are included.

* 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.

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Your Multiquip dealer is:

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All features and specifications are subject to change without notice.
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