



# 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.



Ergonomic seat reduce operator fatigue.

SmartPitch control synchronizes blade pitch of both rotors with a single touch.

Tubular steel tank design improves flow and cooling of hydraulic fluid.

Proportional hydraulic steering helps the operator move the machine effortlessly across the slab.

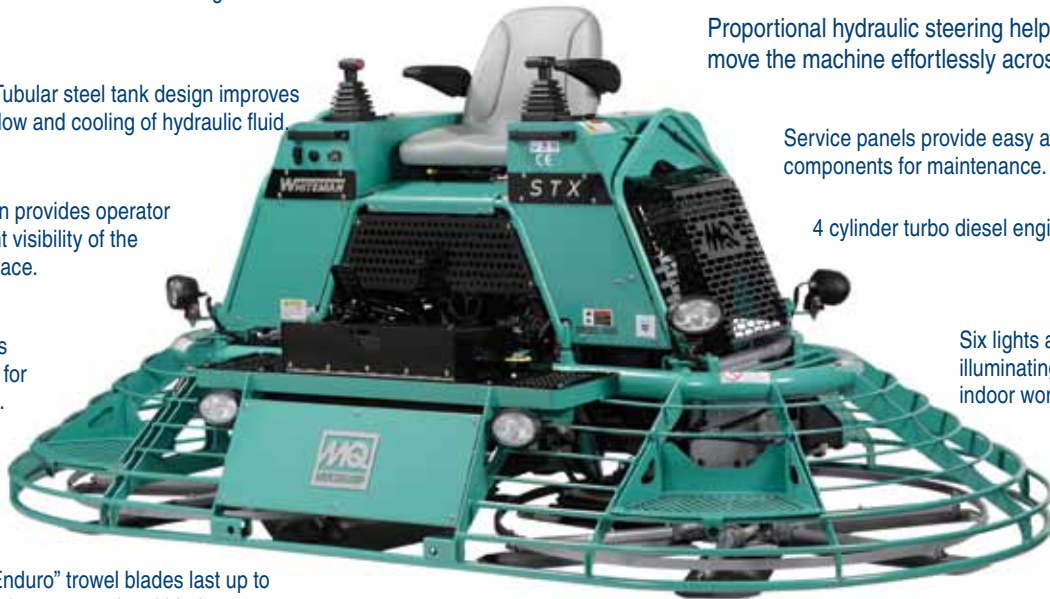
Frame design provides operator with excellent visibility of the finishing surface.

Service panels provide easy access to components for maintenance.

Integral steps are provided for convenience.

4 cylinder turbo diesel engine

Six lights are standard for illuminating night time and indoor work areas



Standard "Enduro" trowel blades last up to 50% longer than conventional blades.

Operator's platform includes a built-in storage box for hand tools and accessories.

*(STXD6i shown. Called-out features are typical of all hydrostatic 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 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!**

**THE HTXD5i** 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** This patented design allows the operator to synchronize the pitch of both rotors with the simple touch of a button.
- **NEW! Power Management** this feature 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** Patented feature 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.



Raised operator's platform includes lockable storage compartment



Spider assemblies feature long-lasting wear plates and spider hubs



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.



# 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.

## THE HHX SERIES



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



## Five-Blade Spider

- Exclusively on eight-foot HTX, 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.**

Operator is able to completely view the finishing surface through the frame.

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

Rugged frame is made of chromemoly steel to withstand the rigors of handling and transportation.

High-performance engines withstand the rigors of concrete finishing.

Weather resistant polyethylene fuel tank and battery box eliminates corrosion.

Mechanical TwinPitch control for fast, accurate adjustment of trowel blades.

Halogen lights provide illumination for nighttime or indoor work.

Lifting points are built into the machine for balanced lifting.

Servicing is made easy by a frame design that allows quick access to fill ports and filters.

Spider assemblies can be economically rebuilt and feature long-lasting wear plates and spider hubs.



*(HHN shown. Called-out features typical of all mechanical trowels.)*

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

## THE HHN SERIES

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



Patented TwinPitch control, available on all models, enables the operator to simultaneously control the pitch of both rotors with minimal effort.



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.



# 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.



## Trowel Arm Fixture

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



## Transport Dollies



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



**EMR2Transport dolly** (shown with JWN) for moving mechanical trowels around the workplace or on the jobsite.



# Ride-On Trowel Specifications

Model	Engine	Engine Cooling	HP*	Blades Per Rotor	Rotor RPM	Path Width in. (cm)	Fuel Tak Capacity gal. (ltr)	Run Time gal./hr. (ltr/hr)	LxWxH in. (cm)	Operating Weight lbs. (kg)	Wheel Kit
<b>Twin 60" Non-Overlapping</b>											
STXD6i	Yanmar Turbo Diesel	Liquid	55	6	10-130	117 (297)	11 (42)	2.81 (10.63)	125 x 65 x 57 (318 x 165 x 145)	2270 (1030)	EMR3
<b>Twin 48" Non-Overlapping</b>											
HTXD5i	Yanmar Turbo Diesel	Liquid	55	5	10-160	92 (233)	11 (42)	2.36 (8.93)	95 x 48 x 57 (241 x 122 x 145)	2,100 (952)	EMR3
<b>Twin 48" Non-Overlapping</b>											
HHXD5	Vanguard Turbo	Liquid	34	5	40-170	91 (231)	9 (34)	1.58 (5.98)	98 x 50 x 54 (249 x 127 x 137)	1440 (658)	EMR2 or EMR3
<b>Twin 48" Non-Overlapping</b>											
HHN34TVDTCSL5	Vanguard Turbo	Liquid	34	5	40-160	91 (231)	5 (19)	1.58 (5.98)	95 x 48 x 46 (241 x 122 x 117)	1180 (535)	EMR2 or EMR3
<b>Twin 48" Non-Overlapping</b>											
HTN27KTCSL	Kohler	Air	27	4	40-140	91 (231)	4.4 (17)	2 (7.57)	95 x 48 x 46 (241 x 122 x 117)	780 (354)	EMR2
HTN28KTCSL	Kohler	Air	28	4	40-140	91 (231)	4.4 (17)	2 (7.57)	95 x 48 x 46 (241 x 122 x 117)	800 (363)	EMR2
<b>Twin 36" Non-Overlapping</b>											
JWN24HTCSL	Honda	Air	20	4	36-180	75 (191)	2.2 (8)	1.71 (6.47)	77 x 39 x 48 (196 x 99 x 122)	685 (209)	EMR2

\*\*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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All features and specifications are subject to change without notice.  
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