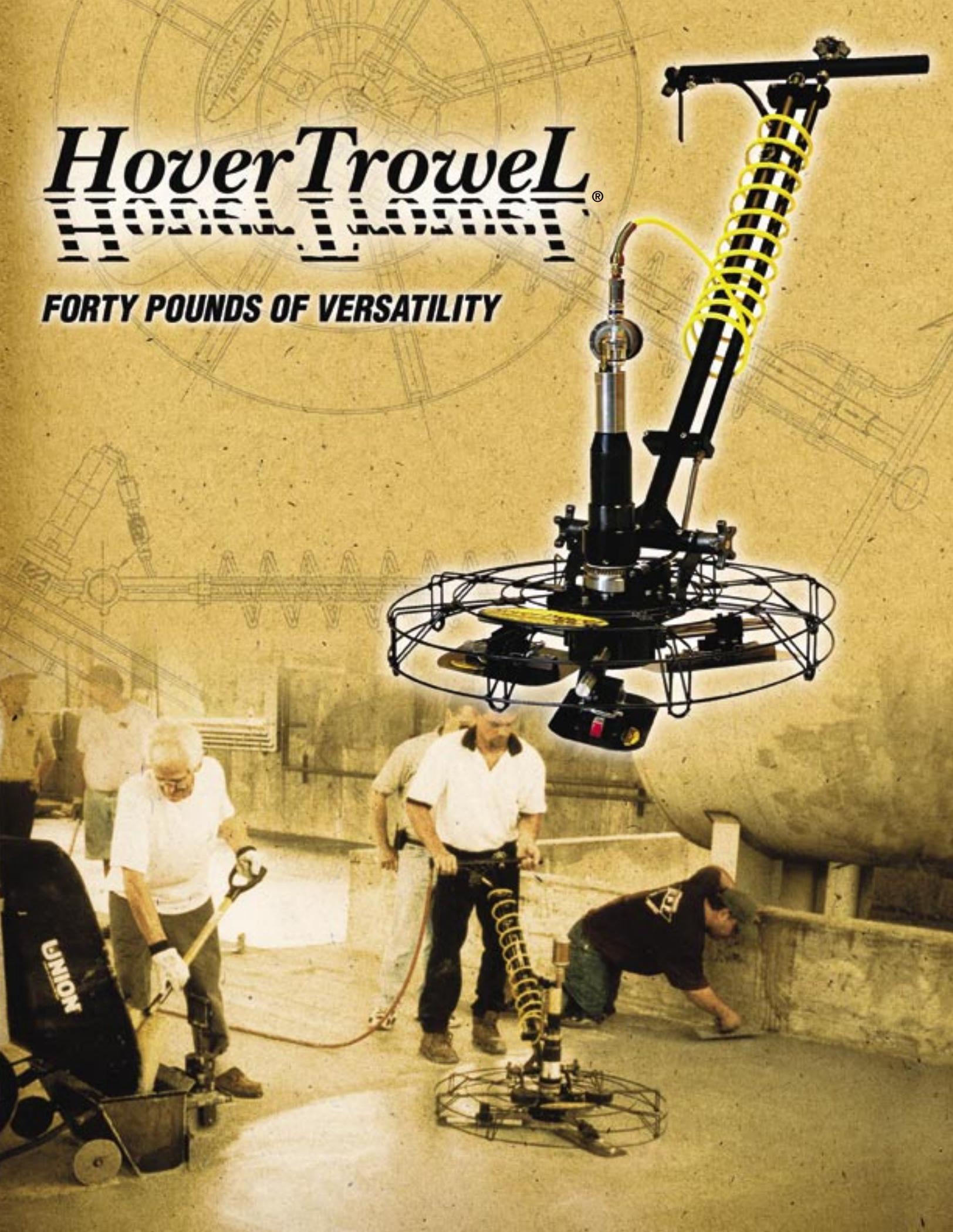


# *HoverTrowel*<sup>®</sup>

**FORTY POUNDS OF VERSATILITY**

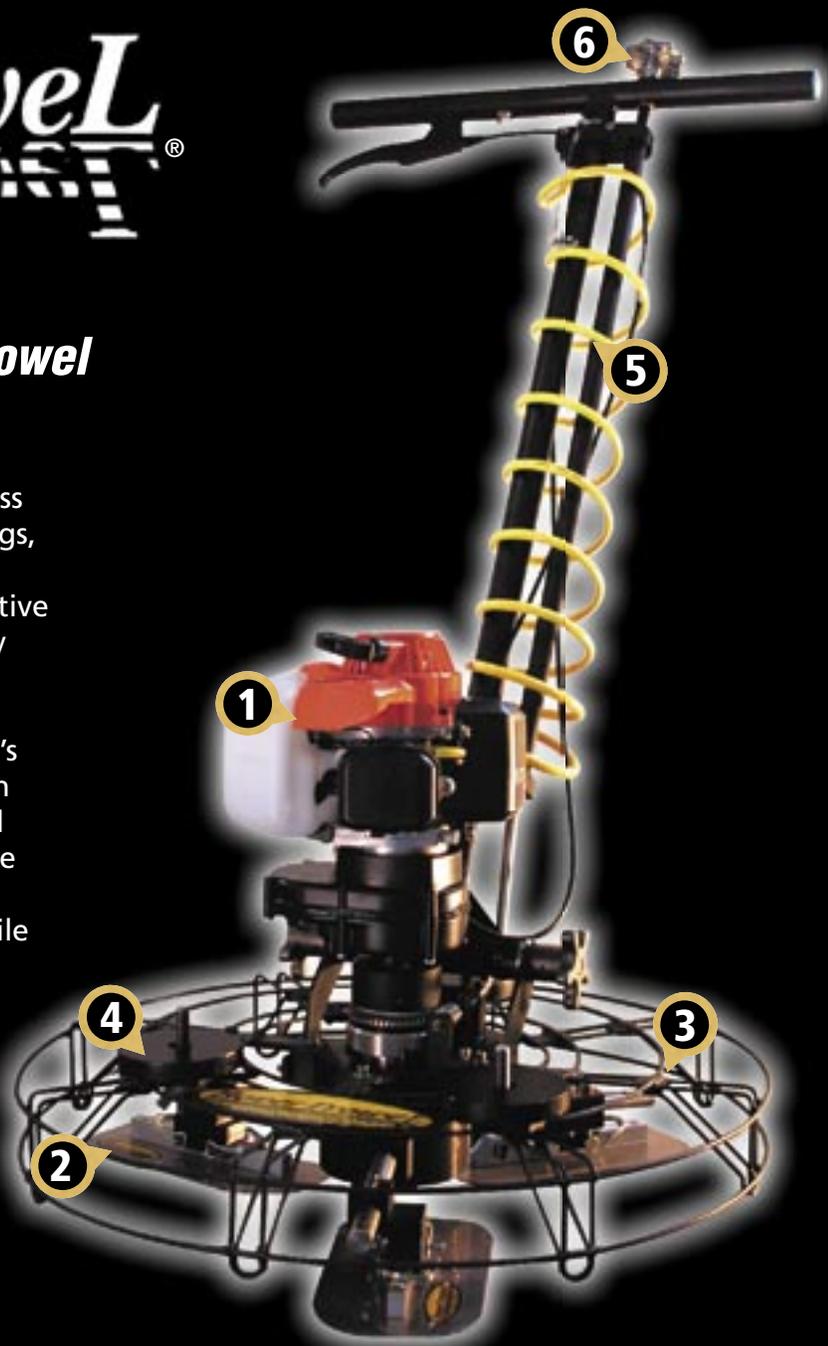


# HoverTrowel®

## Precision Engineered Light Weight Power Trowel

The patented HoverTrowel is a lightweight power trowel originally designed to finish trowel decorative quartz, now has had success finishing many of today's epoxy floor toppings, cementitious urethanes, terrazzo, polymer modified cementitious systems and other creative specialty finishes and textures as the industry continues to grow.

Weighing in as low as 40 lbs. the HoverTrowel's trade driven features including finger-tip pitch control, extension handle, different blade and float options, additional weights, and even the ability to convert the same trowel from air-powered to 4-cycle, making it the most versatile power trowel on the market. Its weight and size allows the trowel to be used for many hand-trowel operations where conventional trowels are too heavy.



### KEY FEATURES & BENEFITS:

#### 1 AIR POWERED / GAS POWERED

HoverTrowel has adapted to the industry, from its' original air powered concept, for indoor and sensitive environments to the low emissions 4 stroke powered model and conversion kit. Various torque loading air motors can be used for even the stickiest systems and any indoor or sensitive areas where sparking equipment are not permitted. The new 4 cycle model has low emissions to be used in certain indoor installations, but is primarily used for outdoor applications. This 31cc engine is extremely powerful and quiet.

#### 2 BLADES

The blade or float selection varies depending on the topping and finish desired. The standard blue tool steel blades are used for most applications and are the longest wearing. The stainless steel blades are used for water based systems, where blushing of the steel could cause a problem. These steel blades have a bend or slight radius on the leading edge for mounting the topping and to reduce material build-up when running flat. Composite or plastic blades are used for lighter

decorative toppings and will eliminate any possible "burnishing". Other float materials like magnesium and mahogany are used for specialized finishing. Because of its design many different materials can be special ordered. Plastic pans have also been used. All attach with quick release snap rings and are available in two sizes to accommodate the guard sizes.



#### 3 GUARDS



The 25" and 34" guards are interchangeable to create two different trowel paths. The smaller guard will make it easier to trowel in tight or confined areas between vertical obstructions (like pump pedestals and tank pads), small doorways, pool decks and other places that normally have to be hand troweled. The 34" is used for wide open areas. The two sizes of guards and blades can be changed in a matter of minutes.

# Setting New Standards *WORLDWIDE:*



**Arlington, TN, USA**  
Walker Composites, Inc.  
Rust-Oleum FlorClad



**Overpelt, Belgium**  
Colour Quartz europe nv  
Open Stone System



**Harrisburg, PA, USA**  
Houck Services, Inc.  
Selby/Ucrete HF



**Bradley Beach, NJ, USA**  
Pebble-Flex Safety Surface  
Thermoplastic Beads



**Auckland, New Zealand**  
Brockliss Contracting  
Sika Epoxy Floor Screed



**IMI Institute, NJ, USA**  
MAPEI®, Terratop™  
Terrazzo System



**Afula, Israel**  
Denisra International, PPM



**Houston, TX, USA**  
Selby/Ucrete HF Workshop



**Madera, CA, USA**  
Bomanite  
Color Hardeners



**Manhattan, NY, USA**  
Beyond Concrete  
Bomatop Epoxy Topping

## 4 WEIGHT SET



Additional weight can be added to fine-tune the trowel's performance. The weight kit can increase the overall weight of the trowel 22 lbs. at 2 1/2 lb. increments. Because of the various topings and operations being performed by the HoverTrowel, different weights are needed for compaction to reduce grouting and top-coats. Ambient, slab, liquid and aggregate temperatures as well as sands to liquids ratios and viscosities can change the trowelability requiring different trowel weight.

## 5 TELESCOPING HANDLE



The handle adjusts from 42" to 64" at 6" increments is very convenient for operator preference and height. It collapses to work in tight confined spaces, while it also can be lengthened to reach

further onto the fresh mortar without walking in the material or a wider aisle or sidewalk. This handle can be used for both air and gas models.

## 6 PITCH CONTROL

Fingertip pitch control easily changes the blade angle from 0° to 10° while the trowel is in operation. Although the trowel is designed for finishing and not to move material, unevenly placed mortar can be moved slightly by increasing the angle of attack. The pitch is also used to help the trowel mount topping mortars when using composite blades or floats. Its' control knob is at the top of the handle for operator convenience.



# SPECIFICATIONS & ACCESSORIES

## HOVERTROWEL SPECS

PATENT NUMBER	5,205,669
WEIGHT	35 lbs - 55 lbs
GUARD DIAMETER	25" & 34"
TROWELING DIAMETER	24" & 33"
BLADE SIZES	5" x 9 1/2" & 5" x 14"
BLADE PITCH	0° to 10°
HANDLE LENGTH	42" to 66"

## ROLLER SCREED



The Roller Screed offers uniform placement of the mortar, which is the beginning of a consistent and successful topping installation. Our Roller Screed dispenses mortars with exceptional ease and uniformity. The rear outrigger wheel adds

greater stability than conventional screed boxes. The position of this rear wheel has eliminated the need to add weight to the front of the units to reduce inconsistencies of the operator.

The Roller Screed comes in two widths, 24" and 32". The 24" wide model holds 1.5 cubic feet of mortar, while the 32" wide model holds 2.5 cubic feet of mortar. The deflector plate dispenses mortar up to 1" thick, extends past the hopper to reduce lap marks, and easily adjusts with wing nuts. Both sizes are made of heavy gauge steel that will tolerate flame burning to remove cured epoxy. The handle is aligned at 165° for a convenient resting position and is shaped to permit the dumping of mortar directly from a wheelbarrow. The handle and wheels are pinned for easy removal to clean or transport, and a utility tray conveniently holds support tools.

## HOVERTROWEL MOTOR OPTIONS



**HT-167**  
53 RPM, 78 lb-ft torque  
18.5 CFM @ 90 PSI

The HT-167 is used for most standard hand and power trowel systems.



**HT-188**  
52 RPM, 128 lb-ft torque  
36 CFM @ 90 PSI

The HT-188 is used for very resin rich systems, as well as the cementitious toppings on the market. This motor will perform well on all systems, making it extremely versatile.



**HT-4CH-31**  
Air-cooled 4-stroke

This is a 4 cycle 31cc engine with low emissions and quiet operation. It is gear reduced to a desired rpm that can be easily adjusted by a finger-tip throttle lever. Having the power to finish most systems, it's ideal for outside applications.

Ingersoll-Rand multi-vane air motors have been selected because of their dependability, low maintenance and excellent design. The motors are compact, lightweight with a high power output. Other features include cool running characteristics that minimize the effects of hot, wet or dusty conditions. Instant starting and stopping eliminates the delays of motor acceleration or deceleration periods, preventing electrostatic sparks and producing safe operation in hazardous conditions. It will not overheat or burn out even when overloaded or run to stall. No hydrocarbon release makes the HoverTrowel ideal for food, beverage and other sensitive industrial areas.

HoverTrowel's standard motor for common epoxy systems is the HT-167. The higher torque HT-188 is recommended for very resin rich or sticky systems. Other motors are available for some flooring systems with unique physical properties and characteristics. The motors produce a range of rpm and torque loads to suit the needs of most of the polymer toppings on the market today.

## HUSTLE PAC

The completely customizable HoverTrowel Hustle Pac contains all of the tools and accessories you will need for a successful installation. The lock-box is heavy-duty for rough transportation and secure to keep your tools safe. The HoverTrowel kit is assembled on an individual basis with the tools specific to the types of systems you are installing.

To set up a HoverTrowel Hustle Pac for your specific needs, call 610-856-1961.



**HoverTrowel**  
®

5048 Spruce Lane  
Mohnton, PA 19540  
Ph: 610-856-1961  
Fx: 610-856-1920  
www.hovertrowel.com