





Precision Engineered Light Weight Power Trowel

The patented **HoverTrowel** is a lightweight power trowel originally designed to finish trowel epoxy quartz mortars, it is now being used to finish many of today's epoxy floor toppings, cementitious urethanes, terrazzo, EPDM rubber, polymer modified concrete systems and other creative specialty finishes and textures as the industry's artisans continue to develop new overlays.

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.

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.







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Specifications

Overall Specifications:	
U.S. Patent Number	
Trowel Path (Guard D	viameters)25" & 34"
Overall Blade Diamet	ers (Trowel Path)
Blade Sizes	
Blade Pitch Control (I	n Degrees)0 - 12
Weight Kit	
Pneumatic Model Specifi	cations:
I-R MOO4 Series	Maximum Powerhp .41
	Air Consumption @ Max Power18.5 cfm
	Model 167 Speed @ Max Power 53 rpm
	Model 167 Stall Torque78 lbft.
I-R MOO7 Series	Maximum Powerhp .76
	Air Consumption @ Max Power
	Model 188 Speed @ Max Power 52 rpm
Adlag Canaa Sarias	Model 188 Stall Torque128 lbft.
Atlas Copco Series	Maximum Power
	Air Consumption @ Max Power
	Model LZB46 Speed @ Max Power 65 rpm Model LZB46 Stall Torque185 lbft.
	-
4 Cycle Model Specificat	ions:
4 Cycle Honda	GX-35-T3
	Engine Size 35 cc
	4 Cyclew/gear Reduction
	Finger Tip Throttle Control0 to 120 rpm
	Weight7 lbs









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 & commercial 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.













Pneumatic	Models

HT-SHT	Standard Pneumati	c Model	\$ 5,490
	HT-167	Moo4 - I-R Low Torque Motor	
	HT-EXH-A	Extension Handle	
	HT-G25 or HT-G34 Gua	urds (Choice of Guard Size)	
		14" or 9 1/2" Tool Steel Blades (1 Set)	
HT-SHT-K	Standard Pneumati	c Kit	\$ 5,988
	HT-167	Moo4 - I-R Low Torque Motor	
	HT-EXH-A	Extension Handle	
	HT-G25 & HT-G34	Both Guards	
	HT-TSB & HT-TSB-95	14" & 9 1/2" Tool Steel Blades (1 Set 1	Each)
HT-HT	High Torque Pneur	natic Model	\$ 6,479
	HT-188	Moo7 - I-R High Torque Motor	
	HT-EXH-A	Extension Handle	
	HT-G25 or HT-G34 Gua	rds (Choice of Guard Size)	
	HT-TSB or HT-TSB-95	14" or 9 1/2" Tool Steel Blades (1 Set)	
HT-HT-K	High Torque Stand		\$ 6,895
	HT-188	Moo7 - I-R High Torque Motor	
	HT-EXH-A	Extension Handle	
	HT-G25 & HT-G34		
	HT-TSB & HT-TSB-95	14" & 9 1/2" Tool Steel Blades (1 Set 1	Each)

Pneumatic Accessories

HT-EXH-A HT-050 HT-167 HT-4-MM HT-188 HT-7-MM HT-AP-TA HT-WS-25 HT-WS-18 HT-G25 HT-G34 HT-Oiler HT-MUF-S HT-MUF-L HT-Flex	Extension Handle w/Air Throttle Set Up I-R Moo4 Air Motor (Low Torque / High RPM) I-R Moo4 Air Motor (Low Torque / Low RPM) Moo4 Motor Mount w/Shaft Adapter I-R Moo7 Air Motor (High Torque / Low RPM) Moo7 Motor Mount Pneumatic Throttle, Coil Hose & High Flow Fittings 25 lb Weight Set 18 lb Weight Set 25" Guard 34" Guard Pneumatic In-line Globe Oiler (All Motor Models) Small Muffler (HT-167) Large Muffler (HT-188) 11" 3/8" Flex cable for Pitch Control Rod	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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861

247









EPDM/TPV with Pan

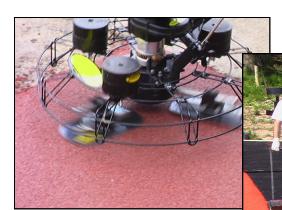


HoverTrowel has adapted to the industry, from its' original air powered concept, for indoor and sensitive environments to the low emissions 4 stroke powered model and conversion kit. Various torque loading air motors can be used for even the stickiest systems and any indoor or sensitive areas where sparking 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 35 cc engine is extremely powerful and quiet.

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.













	4 Cycle Models		
	HT-S4C HT-S4C-K	Standard 4 Cycle ModelHT-4CH-354 Cycle Honda GX-35HT-EXH-GExtension HandleHT-G25 or HT-G34 Guards(Choice of Guard Size)HT-TSB or HT-TSB-9514" or 9 1/2" Tool Steel Blades (1 Set)Standard 4 Cycle KitHT-4CH-354 Cycle Honda GX-35HT-EXH-GExtension HandleHT-G25 & HT-G34Both GuardsHT-TSB & HT-TSB-9514" & 9 1/2" Tool Steel Blades (1 Set Each)	\$ 4,488 \$ 4,969
	4 Cycle Accessories		
Honda GX-35 w/Transmission	HT-EXH-G HT-4CH-35-TMM HT-4CH-35 HT-4CH-T HT-4C-MM HT-WS-25 HT-WS-18 HT-G25 HT-G34 HT-Flex	Extension Handle w/Gas Throttle Set Up 4 Cycle Honda w/Transmission & Motor Mount 4 Cycle Honda GX-35 4 Cycle Transmission 4 Cycle Motor Mount 25 lb Weight Set 18 lb Weight Set 25" Guard 34" Guard 11" Flex Cable for Pitch Control Rod	\$ 897 \$ 1,229 \$ 478 \$ 538 \$ 227 \$ 247 \$ 189 \$ 523 \$ 588 \$ 48



Access videos & case studies at:

www.hovertrowel.com

HoverTrowel Blades, Floats & Pads

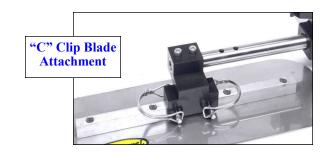


Blades & Floats

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.

\$/Set of	of Three
lade Set \$	164.00
el Blade Set (.031" Thick) \$	174.00
	197.00
	154.00
	122.00
Blade Set \$	155.00
	166.00
sity PE Blade Set (White) \$	188.00
	150.00
	115.00
	365.00
\$/Set	of Three
Blocks (Set of 3) \$	213.00
	162.00
	322.00
	549.00
	of Three
ded Pad Holder \$	95.00
ded Pad Holder \$	109.00
ded Pad Holder \$	161.00
a	aded Pad Holder \$





Access videos & case studies at:

www.hovertrowel.com

HoverTrowel Accessories



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Weights Weights Extension Handle

Weight Set

The weight kit can increase the overall weight of the trowel 25 lbs. at 21/2 lb. increments. Because of the various toppings and operations being performed by the HoverTrowel, different weights are needed for compaction to reduce grouting and topcoats. Ambient, slab, liquid & aggregate temperatures as well as sands to liquids ratios and viscosities can change the trowelability requiring different trowel weight.

Telescoping Handle (Both Air & Gas Models)

The handle adjusts from 42" to 64" at 6" increments is convenient for operator preference & height. It collapses to work in confined spaces, while it also can be lengthened to reach out onto the fresh mortar without stepping in the mortar.



5/8" 11 Thread Block Attachments, Diamond Pads and Holders

These attachments replace the blade blocks, having standard 5/8" 11 thread studs to accept compatible holders or cup wheels. The heavy duty diamond pads can be used to dress or sand the cured surface for prepare prior to topcoats. Ideal for exposing a decorative aggregate in a pigmented matrix. (**Pricing on previous page**)



Support Equipment





The Roller Screed offers uniform placement of the mortar and is essential for a consistent and successful mortar flooring installation. The rear outrigger wheel adds greater stability than conventional screed boxes. Eliminating uneven placement.

The Roller Screed comes in 24" & 32" widths. The 24" wide holds 2,325 cubic inches of mortar, while the 32" wide holds 3,810 cubic inches 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 and wheels are pinned for easy removal to clean or transport, and a utility tray conveniently holds support tools or weights if the mortar being spread is very heavy bodied.



Roller Screed	Box for Consistent Mortar Placement up to 1"	
HT-RS-24	24" Wide Hopper w/2,325 Cubic Inch Capacity	\$ 695
HT-RS-32	32" Wide Hopper w/3,810 Cubic Inch Capacity	\$ 725



Lubr HT-I

Lubricant, S	ealer & Acid Sprayers
HT-BG-401	1 Gal Plastic Tank
HT-BG-402	2 Gal Plastic Tank
HT-H-BP-4	4 Gal Bac Pac Tank

•	48 50	
\$	47.50	
\$	48.65	
\$	98.30	



HT-BG-BP-3

Bullard Air Filters

Air filters are extremely important in maintaining a good working pneumatic motor by removing condensed water and foreign particulates. The compressor-supplied air enters the filter and travels through 7 layers of filter material before exiting through the outlet port. Both have pressure gauges, relief valves set at 125 psig and output lines of 3/8" NPT (Fem.). These stand alone filters also act as a reducer for larger incoming air lines. The 2 line model weighs 24 lbs. while the 6 line model is 28 lbs.

Bullard Air	Filters (Supplying Clean, Dry Air to Protect I-R Motors)		
BAF-41P2	2 Air Port Tripod w/Regulator, Check Valve & 1" Chicago Fitting	-	488
BAF-41P6	6 Air Port/Tripod w/Regulator, Check Valve & 1" Chicago Fitting	\$	623
BAF-RC	Replacement Canister	\$	92
HT-RH-50	50' (3/8") Rubber Air Line w/High Flow Fittings	\$	112



MORE INFO AT: www.hovertrowel.com

All Sprayers Have Viton Seals

18" Extension Wands & On/Off Locks

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Air Compressors

HoverTrowel has requisitioned **Jenny/Emglo** to manufacture portable air compressors to our specifications and Ingersoll-Rand's **low torque** motor requirements. These compressors are performance-rated and designed to provide years of efficient and reliable service. There are two models are available in 230 volt and both can be configured with a threephase 460-volt motor on special order.

The **Jenny model G5A-38P** is a 4-cylinder, single-stage unit mounted on a 30-gallon ASME code receiver. Powered by a 5 HP motor, this compressor delivers 18.3 CFM of air at 100 PSI. The unit is available with either a single-phase 230 volt motor or a three-phase 460 volt motor. Both single-phase and three-phase models include a motor starter and on/off switch as standard. The 30-gallon portable design is well-balanced for ease of movement. A 3/8 NPT regulator and gauge assembly is mounted for easy connection to the air hose. **Ideal for low torque HoverTrowels.**

The **Jenny model J5A-30P** is the biggest electric-wheeled portable compressor available. This four-cylinder pump comes mounted on a 30-gallon ASME portable tank. Its 5 HP motor is able to deliver 25 CFM of air at 100 PSI. The unit is available with either a single-phase 230 volt motor or a three-phase 460 volt motor. Both single-phase and three-phase models include a motor starter and on/off switch as standard equipment. This heavy-duty 30-gallon portable unit has 10" diameter pneumatic tires for easy movement at the job site. **Ideal for low torque HoverTrowels.**

The **Jenny model U18KGB-PT** is a tow behind cart compressor. It is powered by a Kohler 18 hp gas engine that supplies 42 cfm at 90 psi. His compressor is a two stage trailer mounted unit. With a convenient electric starter. Designed, tested and proven to meet the demands of the construction industry. The trailer is 5 '6' in width and 6'' 6'' in length and 4' in height, weighing 1,125 lbs shipping weight.

** This compressor is ideal for the high torque HoverTrowel model. **

	Jenny/Emglo Air	Compressors (Sufficient Air to the Moo4 I-R Motors)	
	G5A-30P G5A-30P-208/1	Mobile 30 Gallon Tank 230v (Single Phase) 18 cfm @ 90 psi Mobile 30 Gallon Tank 208v (Single Phase) 18 cfm @ 90 psi	\$2,390 \$2,512
	J5A-30-P J5A-30-P-208-1	Mobile 30 Gallon Tank 230v (Single Phase) 24 cfm @ 90 psi Mobile 30 Gallon Tank 208v (Single Phase) 24 cfm @ 90 psi	\$2,980 \$3,124
1 Co	U18KGB-PT	Mobile 30 Gallon Tank, 18 HP Kohler Engine 42 cfm @ 90 psi	\$6,823
	610-1407	Hose Reel Bolt on Kit with 100' 3/8" Hose, 1/4" NPT	\$ 456
	360-1123-38	100' 3/8" Air Hose, 1/4" NPT	\$ 165
HT-H1407	360-1123 –12	100' 1/2" Air Hose, 1/4" NPT	\$ 195

MORE INFO AT: www.hovertrowel.com



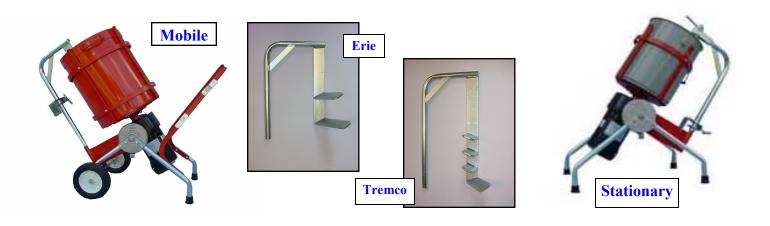
These extremely versatile direct-drive mixers have dozens of applications. They provide thorough and accurate batch mixing of liquids, powders, pastes, slurries, and granular materials. The rotating drum container is removable and easy to clean.

The stationary mixing paddle provides both radial and axial action, and it scrapes the side and bottom of the drum for complete mixing. The wheels and handle enable easy movement.

Paddles Must be Purchased Separately

All Mixers are Available with 220 volt, 50 hz Motors Call or Email to Request Pricing

KOL Batch Mixe	rs:				
HT-K1-60	5 Gallon	1/2 hp	Stationary	60 rpm	\$ 1,388
HT-K2-60	5 Gallon	1 hp Î	Stationary	60 rpm	\$ 1,656
HT-K3-60	10 Gallon	1/2 hp	Stationary	60 rpm	\$ 1,348
HT-K4-60	10 Gallon	1 hp -	Stationary	60 rpm	\$ 1,492
HT-K5-60	15 Gallon	1 hp	Stationary	60 rpm	\$ 1,808
HT-K1-60-M	5 Gallon	1/2 hp	Mobile	60 rpm	\$ 1,474
HT-K2-60-M	5 Gallon	1 hp -	Mobile	60 rpm	\$ 1,778
HT-K3-60-M	10 Gallon	1/2 hp	Mobile	60 rpm	\$ 1,509
HT-K4-60-M	10 Gallon	1 hp -	Mobile	60 rpm	\$ 1,909
HT-K5-60-M	15 Gallon	1 hp	Mobile	60 rpm	\$ 1,990
KOL Paddles:					
HT-SB-75	Single Blade	Paddle	5 Gallon		\$ 88
HT-SB-710	Single Blade	Paddle	10 Gallon		\$ 178
HT-SB-715	Single Blade	Paddle	15 Gallon	15 Gallon	
HT-EP-105	Erie Paddle		5 Gallon	5 Gallon	
HT-EP-110	Erie Paddle		10 Gallon	10 Gallon	
HT-EP-115	Erie Paddle		15 Gallon	15 Gallon	
HT-TP-105	Tremco Pado	lle	5 Gallon		\$ 134
HT-TP-1010	Tremco Pado	lle	10 Gallon		\$ 142
KOL Replaceme	nt Drums:				
HT-KQ-5	5 Gallon Dru	m	12" Dia. x 13" High		\$ 33.00
HT-KQ-10	10 Gallon Dr	um	14" Dia. x 17" High		\$185.00
HT-KQ-15	15 Gallon		16" Dia. x 22 1/2 " Hi	øh	\$195.00





Thesedrop load direct drive mixers have the same versality and more. The main benefit is realized for larger batch sizes as it can offload the batch directly into a wheelbarrow or material transporter. The drum does not have to be removed to offload.

The stationary mixing paddle provides both radial and axial action, and it scrapes the side and bottom of the drum for complete mixing. The casters enable easy movement.

Paddles Must be Purchased Separately



KOL Batch Mixer	rs:					
HT-K10-60-M HT-K10-60-M HT-K15-60-M	10 Gallon 10 Gallon 15 Callon	1 hp 1 hp (220 volt/50 hz)	Mobile Mobile Mobile	60 rpm 60 rpm	\$	2,391 2,920
HT-K15-60-M HT-K15-60-M KOL Paddles:	15 Gallon 15 Gallon	1 hp 1 hp (220 volt/ 50 hz)	Mobile Mobile	60 rpm 60 rpm		2,582 2,982
HT-SB-710	Single Blade Paddle		10 Gallon 10 Gallon		\$	178
HT-EP-110 HT-TP-1010 HT SP 715		Tremco Paddle			\$ \$	129 142
HT-SB-715 HT-EP-115	Single Blade Paddle Erie Paddle		15 Gallon 15 Gallon		\$ \$	98 160

All Mixers are Available with 220 volt, 50 hz Motors Call or Email to Request Pricing







This **Batch Mixer** just may be the most extremely versatile direct drive batch mixer on the market today. Designed with the contractor in mind. It can be set to accept 5 gallon (both metal & plastic pails, nested or straight sided), 10 gallon and 15 gallon drums. These drums have convenient handles for ease in transport. The height of the this mixer can be changed quickly and easily to change the mixing height and the resulting dispensing height. It can easily be tipped to dispense the mortar into a pail, wheelbarrow or even directly on the floor. Its tilt mechanism, tilt arm center of gravity makes it easy for an operator to tilt and dispensed the mixed mortar to tip the drum It can be fitted with four casters or rear casters with steel front wheel that can be removed and burnt for cleaning.

Being a direct drive, there are no drive belts or chains It also has a convenient side mounted timer that allows mixing time to be set up to 15 minutes. It has a snap fitted protective to cover. Its on-off switch is mounted directly on the motor for EZ access. Designed by a manufacturer with more than 35 years of mixing experience for all industries, but the main concentration has been in the polymer blends. Its robust construction is built for long service life at top efficiency.



MORE INFO AT: www.hovertrowel.com













CAM Gauge Rakes

A patented "goof-proof" tool applies a range of materials at a precise, specified and uniform depth. For use in applying decorative concrete "toppings," self leveling/high performance floor coating materials, and underlayments in the floor-covering markets. CAM depth settings range from 1/32" to 1-1/2". A must have tool for the decorative concrete and floor coating contractor. We use a "radial" edge CAM® design which maintains uniform coating thickness, even at varying handle angles and lengths.

Head widths range from 10" (hand held) to 48". The 24" and 36" widths are the most popular. CAM sets come in depth settings ranging from 1/32" to 1-1/2" with the 1/8", 1/4", and 3/8" CAM sets being the most popular. Each CAM has multiple contact points of the same depth, when worn down, loosen the wing nut and rotate the CAM for a fresh contact point of the same depth setting. The **CAM Gauge Rake** is available with a milled threaded handle adapter. The 10" **CAM Rake** is used for small areas and counter tops and has its own fixed handle with grip.

	Cam Rake	es Es	Cam Gauge Rakes: MWR-57030 12" Aluminum Cam Gauge Rake \$ 55.17 MWR-57000 24" Aluminum Cam Gauge Rake \$ 63.92 MWR-57010 36" Aluminum Cam Gauge Rake \$ 72.68 		
Replacemen MWR-CAM-1	2 3 t Cam Sets (S 1/16" Cam Set	ets of Two)	\$ 22.79 3/8" Cam Set	ors may vary, but the "sled-style" self-adjusting features of these gauge rakes will be "standard" characteristics of anything avail- able in this categoryand our handle adapter is "threaded."	
MWR-CAM-2 MWR-CAM-3 MWR-CAM-4 MWR-CAM-5	1/8" Cam Set 3/16" Cam Set 1/4" Cam Set 5/16" Cam Set	MWR-CAM-8 MWR-CAM-10 MWR-CAM-16 MWR-CAM-24	1/2" Cam Set 5/8" Cam Set 1" Cam Set 1 1/2" Cam Set	MWR-58420	
		eaded Adapters]		
lower viscosity m market. The stron fashion. This elin gauge rakes. The choice when wor points will maint varying handle a bar can be set to a	Rake is used to ap naterials. It is far sup ng spring-steel wir minates chatter an e multiple contact p king on pitted or u tain the desired lev angles and lengths. any desired thickness	ply self-leveling floor perior to pin-type gau es are formed in a " d vibration common points make this too uneven surfaces, as s rel or depth of applie The adjustable alum ss from 0" to 5/8". Re	ge rakes on the radial" or loop a with pin-type of an excellent some of the cation even at inum gate or eplacement	MWR-58609 Wire Rakes	





Terms & Conditions of Sale:

Major credit cards accepted and wire transfer prior to shipment for overseas shipments Damage in shipping **MUST** be caught at delivery & addressed immediately with the carrier 20% Restocking Charge for all Items Returned New and in Original Packaging Returning Used Equipment will be Handled on a Case by Case Basis **All return of goods must have a written approval prior to return shipping Prices, terms and conditions are subject to change without notice.**

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"the contractors' direct source for specialty tools & equipment used for the installation of polymer overlay flooring"



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