

Professional, Heavy-Duty, Hand-Held Mixers for Fast, Efficient Mixing



From self-leveling cements to prefab mortar, CS Unitec has a portable mixer to do the job quickly. Every CS Unitec mixer has been designed for high reliability, with the power to provide optimum blending of construction materials on the job site.



Features that Make CS Unitec Mixers the Best Tools for the Construction Industry:

Soft Start and Variable Speed for less splashing and better control.

High-torque Motors with Specially Designed Gears provide maximum power. Mix quantities from 1 gal. to 290 lbs., including aggregate and other materials.

Helical Paddles mix from the bottom up, eliminating injection of air for an optimum blend.

Versatile Construction can be used hand-held or with our portable mixing stands.

Ergonomically Designed Metal Frame and Larger Handles

robust construction and balanced grip ensure comfortable handling

Integrated Rubber Handle Bumpers

protect mixer and tile/cementitious surfaces if mixer is dropped

Construction-grade Cable

for heavy-duty use

Fiberglass Housing –

lightweight, robust, reinforced outer housing

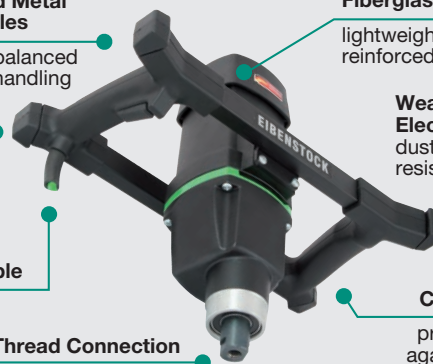
Weather Sealed Electronics

dust- and splash-resistant switches

H-handle Configuration

protects motor against damage

Paddle Thread Connection



Job Size

Small

Tile cement, plaster, mortar, paints, epoxy and coatings.

Medium

Ideal for medium- to high-viscosity powder and liquid materials. Examples include finished plaster, latex, mortar, epoxy, self-leveling compounds and other materials.

Medium/Large

High-viscosity materials ranging from epoxy, mortars, plasters and cement to quartz-containing resins and flooring compounds, as well as insulation. Thoroughly mixes a wide variety of demanding materials.



EHR 18 S
Includes WG 120 paddle



EHR 20.1 R Set
Includes MG 140 paddle



EHR 750 B
Gas-powered mixer with 4-stroke engine – 5 hour runtime on 1 gallon, includes MG 140 Paddle



EHR 23/1.4 R
Includes MG 160 paddle



EZR 24 R R/L
Push-Pull Mixer: Quick, thorough mixing with twin paddles and clockwise/counterclockwise rotation – includes paddles






Model No.	Motor Power	Load Speed	Capacity	Max. Output	Weight	Suitable Paddles
EHR 18 S	9.5 Amps	0-450 RPM	2 bags/20 gal.	700 lbs./hr.	9 lbs.	WG 120 MG 120 RG 120
EHR 20.1 R Set	10.5 Amps	250-580 RPM	3 bags/25 gal.	900 lbs./hr.	11.5 lbs.	WG 135 MG 140 TWP 140
EHR 23/1.4 R	14.5 Amps	100-275 RPM	5 bags/25 gal.	1800 lbs./hr.	15 lbs.	WG 160 MG 160 TWP 160
EHR 23/2.5 S 2-Speed	14.5 Amps	0-250/ 0-580 RPM	5 bags/25 gal.	1800 lbs./hr.	15 lbs.	WG 160 MG 160 TWP 160
EZR 24 R R/L Twin Paddle	14.5 Amps	180-440 RPM	5 bags/25 gal.	1800 lbs./hr.	17 lbs.	P/N 31630000 (set of two)
EHR 750 B Gas-Powered	1 HP	0-450 RPM	3 bags/25 gal.	900 lbs./hr.	19.6 lbs.	WG 135 MG 140 TWP 140

Mixing Paddles

Heavy-Duty Galvanized Steel Mixing Paddles

Helical design mixes from the bottom up, eliminating air pockets

- 14mm thread connection
- 24" paddle length

Low Viscosity	Medium Viscosity	High Viscosity	Fold & Stir	Overlays & Colored Products
Liquid materials including wall paints, lacquers, cement paints, chemicals, coating compounds and laitance	Tenacious materials such as finished plaster, mortar, gypsum, lime, floor compounds, granulates and quartz-filled epoxy resin	Finished mortar, finished plaster, floor compounds, refractory cements, insulating materials and quartz-filled epoxy resin.	Drywall mud and textured products, decorative concrete coatings and comparable products. Works in 5- to 55-gallon drums.	Wide range of under/overlays and powder/liquid colored products. For dry-bag compounds, cement/acrylic plasters, grout, and premixed products
				
RG 120 4.5" dia.	WG 120 4.5" dia. WG 135 5.4" dia. WG 160 6.25" dia.	MG 120 4.5" dia. MG 140 5.6" dia. MG 160 6.25" dia. MG 235 9.25" dia.	MH 240 9.625" x 6.25"	TWP 140 5.5" dia. TWP 160 6.375" dia. 28" length

* For all CS Unitec Mixers, order 14mm male thread paddles

Mixing paddles with 1/2" hex shank available for standard drill chucks



Also Available: Stainless Steel Paddles (for food grade applications)

Paddle Accessories:

32210000 9" long x M14

32142999 5/8" 3-jaw chuck with M14 adapter to fit any mixer

31630000 Paddle pair for EZR 24 R R/L (9" working width.)



Portable Mixing Stand - Save time by running mixers independently

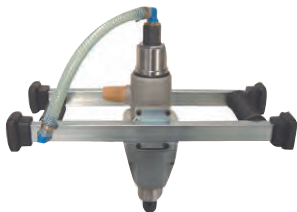
Model 25GP-WD

Designed for easy set up, with no clamping required. Has rear wheels for extra portability. Ideal for use with 5 gallon pails.

Size: H-35"
L-26"
W-14"
Weight: 64 lbs.



Pneumatic-powered Mixers for Hazardous Environments



Three air-powered models are inherently safer for mixing paint, glue, epoxy, mortar, concrete, refractory cement and other materials in shipyards and the oil and gas industries. They can be used around water with no fear of shock or blown circuitry.



The MEGA HIPPO portable mixing station is also available with a pneumatic motor. Contact CS Unitec for details.



Model No.	Motor Power	CFM @ 90 PSI	Load Speed (RPM)	Max. Output	Weight	Air Connection	Suitable Paddles
7 1111 0010	1.5 HP	49	0-440	110 lbs./hr.	14 lbs.	3/8"	MG 140
7 1112 0010	1.5 HP	49	0-190 / 0-350	110 lbs./hr.	5 lbs.	3/8"	MG 140
7 1113 0010	2.2 HP	67	0-190 / 0-420	200 lbs./hr.	23 lbs.	3/4"	MG 160, WG 160

ATEX-Certified models available. Contact CS Unitec for more information.

Industry Standard System for Self-Levelers!

NEW 20 AMP MOTOR: MAINTAIN HIGHER SPEEDS!

Now handle a wider range of materials – mix thicker compounds and heavier aggregate



- ✓ **New 3-speed motor with 33% more power**
Higher torque for use with even more materials, including thicker compounds and heavier aggregate



Heavy-Duty
Aluminum
Gear Knob



- ✓ **Large batch capacity**
Thoroughly mix batches up to 6 bags (23 gallons/350 lbs.) of self-levelers
- ✓ **Reduced dust and splatter**
- ✓ **Replaceable liners**
Increase productivity and eliminate cross-contamination
- ✓ **Balanced tilting cradle**
For easy, smooth pouring
- ✓ **Slim profile & compact height**
Easily maneuver through doorways and transport between jobsites, even in enclosed trucks and vans

Canister cover and hinged lid for reduced airborne dust (when used with a dust extraction vacuum) and reduced splatter

Dust extraction port for vacuum connection

Self-Leveling Over/Underlayments • Engineered Concrete • Cement Screeds
Sealants • Adhesives • Resins • Epoxies • Textured Coatings • Slurries • and more

Cost Savings Example when using the HIPPO Mixing System:

Reduce labor costs by up to 86% **Increase output by up to 11x!**

2 People + 2 Buckets + 1 Mixer

9 bags/hour output
\$4.44 cost per bag (labor)



2 People + 1 Barrel + 1 Mixer

26 bags/hour output
\$1.54 cost per bag (labor)



3 People + 2 Barrels + 2 Mixers

50 bags/hour output
\$1.20 cost per bag (labor)



3 People + 2 HIPPOs + 1 Pelican Transport Cart

100 bags/hour output
\$0.60 cost per bag (labor)



A flexible solution for self-leveling jobs of all sizes!

Configure your ideal HIPPO System to maximize profit, increase output and boost your bottom line.



PMH80F-DC3.1 Ideal for flat floors. Allows accurate placement - pour and spread at the same time. 4 casters.

PMH80X-DC3.1 Ideal for rough terrain. Increased height - pour directly into buckets or carts. 2 tires/2 legs.

PMP80 Pelican cart and canister. Ideal for transporting and pouring materials and mixing back-to-back batches.

MEGA HIPPO Mixing System



**NEW MODEL:
PMH80F-DC3.1**

PORTAMIX® MEGA HIPPO

Capacity	6 Bags
Output	Up to 2200 lbs./hour
Speeds	175/300/430
Weight	109 lbs.
Paddles	2 included

Standard equipment included: Standard Equipment includes: mixing motor (PH 2516 R), bucket, removable liner (PH705), canister cover with hinged lid (PH718) and 2 paddles – TW225 for half batches (2-3 bags) and TW225D for full batches (4-6 bags)



**NEW MODEL:
PMH80X-DC3.1**

Replaceable Liners improve productivity, reduce cleanup, and eliminate cross-contamination

Fits both HIPPOs and Pelican Carts

Extends life of canister

Avoid flash-cure on fast setting materials

PH705



Rolled edge reduces compound seeping between liner and canister

Alternating liners prevents cross-contamination

Flexible and durable – dry compounds are easily broken up and removed by compressing liner



PH723

Optional lid with material chute



Pelican Transport Cart PMP80

Ideal for transporting and pouring materials and mixing back-to-back batches.



Pelican Mixing Station with Dust Control

For smaller jobs – mix, transport and pour up to 3-bag batches



- Canister cover and dust extraction port reduces airborne dust and splatter
- Powerful 2-gear variable-speed motor – can also be used for hand-held mixing
- Ideal for "assembly line" mixing – run multiple batches with PMP80DC-23 and 2+ PMP80 Pelican Carts



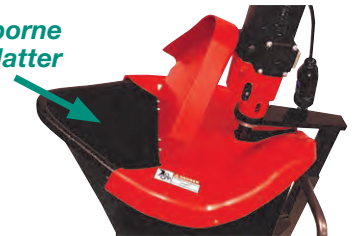
Model No. PMP80DC-23

Capacity	3 Bags
Output	Up to 1500 lbs./hour
Power	14.5 AMP / 110 V
2-Speeds	0-250 and 0-580 RPM
Weight	65 lbs.
Paddles	2 included

Standard equipment included: EHR 23/2.4 Mixing Drill, 2 paddles (TK200P and MG 160), transport cart, canister, liner, canister cover with hinged lid and motor mount (PP650). For replacement liner, order part no. PH705.

Canister cover for reduced airborne dust and reduced splatter

Pelican Mixing Station includes EHR 23/2.4 S mixer – hand-held mixing drill can also be used for applications that don't require the canister.



Replaceable Liners improve productivity, reduce cleanup, and eliminate cross-contamination

PH705 Canister Liner

Fits both HIPPOs and Pelican Carts

Extends life of canister

Avoid flash-cure on fast setting materials



Rolled edge reduces compound seeping between liner and canister

Alternating liners prevents cross-contamination

Flexible and durable – dry compounds are easily broken up and removed by compressing liner



HIPPO and Pelican Accessories:

PMP80 Pelican Transport Cart & Canister

Transport and pour materials and mix back-to-back batches.

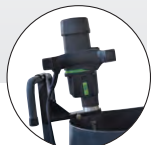


PH723 Lid with Material Chute



PP600 Hand-Held Mixer Clamp for PMP80 Pelican Mixing Cart

Clamp for PMP80 only, attaches to the Pelican Cart frame to mount a hand-held mixer



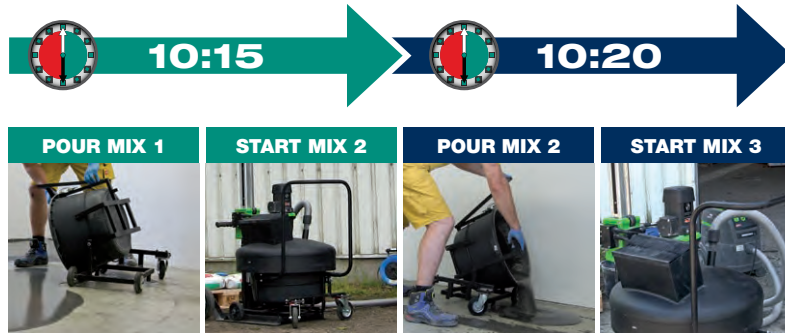
Automatic Mixing Stations



The TWINMIX 1800 allows one user to automatically mix a new batch while pouring the previous batch – without sacrificing quality

CUT LABOR AND PRODUCTION TIME IN HALF

when using TWINMIX with an Extra Cart!



IDEAL FOR HIGHLY VISCOUS MATERIALS, INCLUDING:
**MORTAR • STUCCO
GROUT • CONCRETE
AND MORE**

Improve mix results, increase profits and maximize productivity with TwinMix 1800

Reduce airborne dust and splatter while adding and mixing materials: integrated hood with safety switch, top load chute and vacuum port for cleaner, safer jobsite

Reduce material costs: contra-rotating paddle with scraper for clump-free, homogenous mixes

Accurately control batch time for consistent mix results: included timer shuts motor off

Prevent cross contamination: replaceable heavy-duty bucket allows for easy material changeover and fast clean-up



Two TwinMix options for maximum efficiency:

TwinMix 1800 TFR

(Order No. TwinMix 1800 TFR)

1 transport cart with 2 wheels and mixing bucket.



TwinMix 1800 TSD

(Order No. TwinMix 1800 TSD)

1 side-tip transport cart with 4 wheels for simultaneous pouring and spreading, and mixing bucket.



TwinMix 1800 Specifications

Power	15 Amp/110 V
Bucket Capacity	17 gal.
Helical Mixing Paddle	250/450 RPM
Scraper Paddle	20/36 RPM
Weight	155 lbs.

Standard equipment included: motor on stand, helical mixing paddle, scraper paddle, plastic edge scraper, mixing bucket and cart.



Accessories:



Kit Options:

TwinMix 1800 TFR Kit 1
(Order No. TwinMix 1800 TFR Kit 1)
includes 2 transport carts



TwinMix 1800 TSD Kit 1
(Order No. TwinMix 1800 TSD Kit 1)
includes 2 side-tip carts

