



# UNITEC

EIBENSTOCK TOOLS ... *The Perfect Blend*

*Variable-speed · High-torque · Versatile · Powerful*

## Electric and Pneumatic PORTABLE HAND-HELD MIXERS

**HEAVY-DUTY  
MIXERS,  
PADDLES AND  
MIXING STANDS**



**For mixing Mortar, Concrete,  
Plaster, Flooring Adhesives,  
Grout, Drywall Mud, Paint,  
Decorative Concrete Coatings  
& other Construction Materials**



From low-viscosity materials to prefab mortar, CS Unitec has a portable mixer to do the mixing 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 Indispensable Tools for the Construction Industry:

- **Soft Start and Variable Speed** – minimize splashing when starting
- **High-torque Motors with Specially Designed Gears** – provide maximum power. Mix quantities from 1 gallon to 200 pounds.
- **Special Paddles** – mix from the bottom up, eliminating injection of air for an optimum blend
- **Versatility** – can be used hand-held or with our portable mixing stands
- **Ergonomically Designed Handles** – ensure a balanced grip to reduce operator fatigue
- **Unique Handle Design** – protects motor against damage when the mixer is laid down

## For Small to Medium Mixing Jobs

### Mixer EHR 14.1 S

#### *The lightweight mixer with high torque*

Excellent for use by painters, tilers and contractors for mixing paint, glue, tile cement, drywall mud and other materials in small batches up to 50 lbs.

**Capacity:** 1 bag, 8 gal.  
**Output:** up to 300 lbs./hour  
**Power:** 8.8 Amp / 110 Volt AC  
**Free Speed:** 550 RPM  
**Load Speed:** 0-390 RPM  
**Weight:** 6.5 lbs.  
**Suitable Paddles:** WG 120 (4.5" dia.)  
 RG 120 (4.5" dia.)



### Mixer EHR 15 SB

#### *The compact mixer for larger batches*

Easy-to-manage tool for continuous use in mixing larger amounts (up to 88 pounds) of liquid media such as paint, tile cement, plaster and mortar.

**Capacity:** 2 bags, 20 gal.  
**Output:** up to 700 lbs./hour  
**Power:** 9.5 Amp / 110 Volt AC  
**Free Speed:** 700 RPM  
**Load Speed:** 0-450 RPM  
**Weight:** 6.75 lbs.  
**Suitable Paddles:** WG 120 (4.5" dia.)  
 MG 120 (4.5" dia.)  
 RG 120 (4.5" dia.)



## For Heavy-duty Mixing Jobs

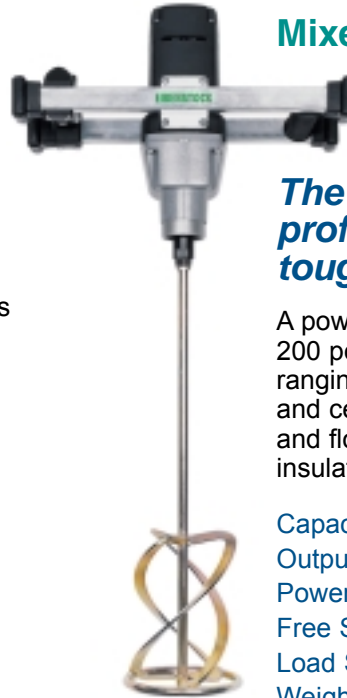


### Mixer EHR 20 S

**The standard mixer with high reliability for construction**

Ideal for medium to high viscosity powder and liquid materials such as finish plaster, latex, mortar, epoxy, leveling compounds and other materials in batches up to 120 pounds.

Capacity: 3 bags, 25 gal.  
 Output: up to 900 lbs./hour  
 Power: 10.5 Amp / 110 Volt AC  
 Free Speed: 900 RPM  
 Load Speed: 0-580 RPM  
 Weight: 11.5 lbs.  
 Suitable Paddles: WG 135 (5.4" dia.)  
 MG 140 (5.6" dia.)



### Mixer EHR 23/1.2R

**The powerful, professional unit for tough, continuous use**

A powerful motor allows mixing of up to 200 pounds of high viscosity materials ranging from epoxy, mortars, plasters and cement to quartz-containing resins and flooring compounds, as well as insulation and other materials.

Capacity: 5 bags, 35 gal.  
 Output: up to 1800 lbs./hour  
 Power: 14.5 Amp / 110 Volt AC  
 Free Speed: 325 RPM  
 Load Speed: 100-275 RPM  
 Weight: 15 lbs.  
 Suitable Paddles: WG 160 (6.25" dia.)  
 MG 160 (6.25" dia.)



### Mixer EZR 21 S

**Quick, thorough mixing with twin paddles**

This dual-paddle mixer stirs heavy materials faster and more efficiently. A thorough, well-blended mixture results when mixing two or more component materials, as well as heavy products such as flooring compound, epoxies, mortars, fiber-filled cements, ceramics, granulates, pastes and putties. The blades rotate in opposite directions, eliminating counter torque and making the unit easy to handle – even while mixing the most demanding of materials. Each paddle is 4<sup>3</sup>/<sub>4</sub>" dia. with 8<sup>1</sup>/<sub>4</sub>" working width. Mix up to 200 pounds.

Capacity: 5 bags, 25 gal.  
 Output: up to 1200 lbs./hour  
 Power: 10.5 Amp / 110 Volt AC  
 Free Speed: 680 RPM  
 Load Speed: 0-450 RPM  
 Weight: 15 lbs.  
 Paddle Pair: No. 31610000

## 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.



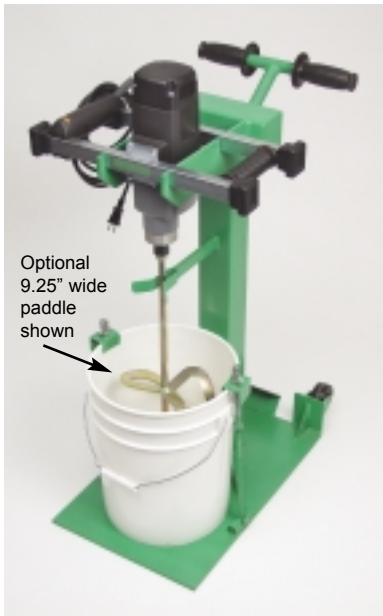
Model No.	Power	CFM @ 90 PSI	Load Speed (RPM)	Mixing Capacity	Weight	Air Connection	Suitable Paddles
7 1111 0010	1.5 HP	49 CFM	0-400	110 lbs.	14 lbs.	3/8"	MG 140, WG 135
7 1112 0010	1.5 HP	49 CFM	0-230 / 200-420	110 lbs.	15 lbs.	3/8"	MG 140, WG 135
7 1113 0010	2.2 HP	67 CFM	0-200 / 250-450	200 lbs.	23 lbs.	3/4"	MG 160, WG 160

# Portable Mixing Stands

Save Time by Running Mixers Independently

## Model 25GP-WD

Designed for easy setup, with no clamping required. Has rear wheels for extra portability. Ideal for use with 5-gallon pails and CS Unitec's EHR 20 S, EHR 23/1.2R or EZR 21 S mixers, as well as all CS Unitec pneumatic mixers.



Optional 9.25" wide paddle shown

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

## Model RST 90

Has an adjustable swing arm and variable height adjustment, allowing use with various size pails. Easily set up. Can be used with EHR 20 S or EHR 23/1.2R electric mixers and all pneumatic mixers.



Size: H-65" L-28" W-20"  
Weight: 69 lbs.



# Heavy-duty Galvanized Steel Mixing Paddles

Mix from the bottom up

Mixing paddles can be supplied in different configurations depending on the material to be mixed. They mix the product from the bottom up to prevent air bubbles from being sucked into the material. The paddles are made of robust welded steel and are galvanized for protection against corrosion and resistance against abrasion. These features make them ideal for continuous, professional use. The end result is a perfect blend for the mixing professional.

Thread Connection: 14mm

Paddle Length: All paddles are 24" (9" or 15" extensions are available)

Special Paddles in Stainless Steel are available for Food Applications.

Paddle pair for EZR 21 S: Order No. 31610000

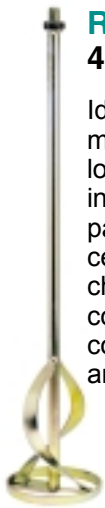
Adapt any paddle to fit your mixer with our 5/8" 3-jaw chuck and 14mm adapter: Order No. 32142999

### Low Viscosity

### Medium Viscosity

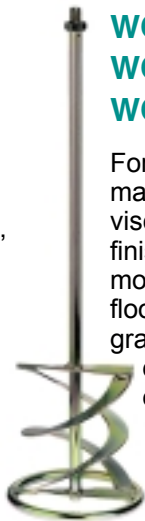
### High Viscosity

### Fold & Stir



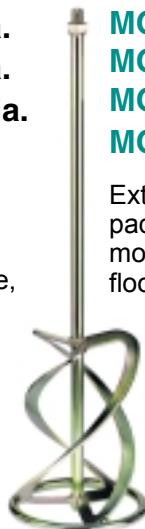
**RG 120**  
4.5" dia.

Ideal for liquid materials with a low viscosity, including wall paints, lacquers, cement paints, chemicals, coating compounds and laitance.



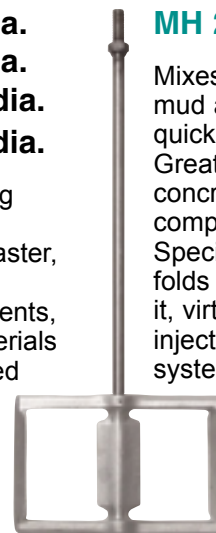
**WG 120** 4.5" dia.  
**WG 135** 5.4" dia.  
**WG 160** 6.25" dia.

For tenacious materials of a high viscosity such as finished plaster, mortar, gypsum, lime, floor compounds, granulates and quartz-filled epoxy resin.



**MG 120** 4.5" dia.  
**MG 140** 5.6" dia.  
**MG 160** 6.25" dia.  
**MG 235** 9.25" dia.

Extra-robust stirring paddle for finished mortar, finished plaster, floor compounds, refractory cements, insulating materials and quartz-filled epoxy resin.



**MH 240** 9.625" x 6.25"

Mixes all types of drywall mud and textured products quickly and completely. Great for decorative concrete coatings and comparable products. Specially designed blade folds material and then stirs it, virtually eliminating the injection of air into the system. Works in 5 to 55 gallon drums.

**UNITEC**  
... the power of innovation!®

CS UNITEC, Inc.

22 Harbor Avenue, Norwalk, CT 06850

Phone 800-700-5919 • 203-853-9522 • Fax 203-853-9921

Email [info@csunitec.com](mailto:info@csunitec.com) • [www.csunitec.com](http://www.csunitec.com)

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE

© Copyright 2004, CS Unitec, Inc., 12-04-7.5M

# Cordless Portable Mixer

## 24 Volt Battery, Compact and Lightweight



- Compact, lightweight design
- Portable, battery-powered operation, 24 Volt
- Mix up to 7 gallons
- Soft start and variable speed eliminate splashing
- Planetary gearbox – high torque output
- Ergonomic handles reduce operator fatigue

**Used by painters, tilers and contractors for mixing paint, glue, tile cement, drywall mud and other materials**

Portable, battery-powered mixing of up to 7 gallons of low- to medium-viscosity materials such as tile cement, paints, coating compounds and liquid media. No external power source is required, and the unit weighs only 6.5 lbs., including battery. Mixer will run for 30 minutes on a full charge. Includes a 4" diameter RGA 100 mixing paddle, two 24V batteries and a 110V charger.

**Standard Equipment includes:**  
RGA 100 mixing paddle, two 24V batteries and a 110V battery charger

**4" Diameter Paddles Available:**

**Model RGA 100** for liquid and viscous media and lacquers

**Model WGA 100** for sticky and tough materials, tile cement

**Model SGA 100** for liquid and homogeneous materials and paint

**Paddle Features:**

Made of robust welded steel, galvanized for resistance to corrosion and abrasion. They mix from the bottom up to prevent air from entering the material.

<b>AHR 24.1</b>	
Capacity	1 bag, 7 gallons
Rating	24 Volt
Battery Amp Hour	2.0
Battery Life <i>(average)</i>	30 min. on full charge
Load Speed	0-550 RPM
Weight	6.5 lbs., including battery

*Note: Specifications subject to change.  
Refer to Owner's Manual for operating instructions.*

### **CS UNITEC, Inc.**

22 Harbor Avenue, Norwalk, CT 06850  
 Toll Free: (800) 700-5919 Tel: (203) 853-9522 Fax: (203) 853-9921  
 Website: www.csunitec.com E-Mail: info@csunitec.com