

# VERTICAL SHAFT MIXERS

**MIX ALL 60, MIX 120 PLUS, MIX 360 & , MIX 750**



*MORTAR, STUCCO, GROUT & CONCRETE*



**TOLL FREE: 800.275.5463**  
**WWW.IMERUSA.COM**

# MIX ALL 60

PORTABLE PADDLE MIXER



MIX ALL 60 | Model # 1193988 | 110V/60Hz, 0.75HP

## THE LIGHTWEIGHT, QUIET, PORTABLE YET POWERFUL MIX ALL 60 SAVES TIME AND REDUCES LABOR COSTS

The Mix All 60 can go anywhere and allows true one person repair work made easy. If you need to mix mortar in the attic to tuck point a chimney, the Mix All 60 is your answer. With its 110v motor gear box drivetrain it is powerful and quiet. For fast production, line up 2 or 3 and have one mixing at all times. The different paddles allow it to quickly and thoroughly mix mortar, stucco, thin set, dry pack mortar, epoxy, plaster and more.

Easy to transport,  
rolls along like a  
piece of luggage

- ✓ 3/4 HP, 110V motor
- ✓ Hi torque gearbox drive
- ✓ Comes with 2 12 gal. buckets



### PADDLES

The Mix All 60 now includes a newly engineered paddle good for mixing mortar, stucco and grout. Additional paddle attachments are available as an accessory on the new Mix All or previous models.

### LABOR SAVINGS

Hand held drill motors are technology of the past. They are awkward, dangerous, wear out quickly and require the full attention of the operator. The Mix All 60 batches material automatically, freeing the operator for other duties.



### POWER

The fully enclosed 3/4 h.p. 110v industrial grade motor with direct gear drive provides non-stop performance on any construction project. The Mix All 60 mixer truly is contractor duty!

### MINIMAL JOB SITE CLEAN UP

The Mix All 60 makes batch after batch without slinging or splashing material onto floor or wall. Compare that to the mess made with hand held paddle drills.



## Technical specifications

MIX ALL 60	
Drum capacity	14 gal
Batch output	12 gal / 50 lb bag
Motor rating	3/4 hp 110v, 10 amp
Paddle speed	55 rpm
Drum diameter	24 in
Machine weight (boxed)	64 (70) lbs
Wheel size	4 in
Length*	25 (24) in
Height*	31 (18) in
Width*	23 (23) in

(\*) Operating Dimensions (boxed)



# MIX 120 PLUS MORTARMAN

PORTABLE VERTICAL SHAFT PADDLE MIXER

MIX 120 PLUS | Model # 1194302 | 110V/60Hz, 2HP, Single Phase



✓  
Loading wheels  
help to place mixer  
in the pickup for  
transportation

✓  
2 HP, 110V motor  
with gearbox drive  
with reverse

✓  
Transport wheels  
to help maneuver  
the mixer where  
you need it

## PERFECT FOR THE 2-4 MAN CREW

Why go through all the hassles of towing a mixer to a jobsite, when the MIX 120 Plus can make a wheelbarrow of mortar, stucco, grout or dry pack cement every 3 minutes. In fact, vertical shaft mixers deliver so much mixing torque that the MIX 120 Plus can out produce a 2 bag towable mixer when making dry pack cement.



## DUST GRATE INCLUDED

The MIX 120+ includes the **iDUST®** Dust Grate attachment. The **iDUST®** attachment fits on top of the 120+ and connects to a HEPA dry vacuum to safely pull dust downward.



## OPTIONAL OPEN GRATE

The standard open grate is optional for materials like fireproofing

## Technical specifications

	MIX 120+
Drum capacity	4.25 cu ft
Batch output	3 cu ft
Drum diameter	30 in
Maximum Aggregate Size	3/8 in
Paddle Speed	38 rpm
Motor 2 h.p.	110v
Current draw	15 amps
Noise	70 dB(A)
Machine Weight (crated)	286 lbs (310 lbs)
Length*	33 (35) in
Height*	50 (38) in
Width*	30 (31) in

(\*) Operating Dimensions (crated)



## OUTLET

**Discharge of material is very controlled.**

Whether you need a trowel, a bucket or a wheelbarrow full of material, it's all there with a twist of your arm. MIX 120+ discharge as seen from below.

## MIX ANYWHERE

**The 120+ can go anywhere** just roll it through standard doorways. In addition, the mixing action is neat and controlled, so the mud stays in the drum, and the mix discharge is equally clean. **Mix indoors without making a mess!**



## VERTICAL SHAFT MIXERS ROCK!

**The paddles are always in the mix,** working hard. Material is blended without air entrapment, and even stiff muds are mixed thoroughly and quickly. Rubber paddles are also available.

## REVERSE IT

If the material being mixed starts to clump up or separate, no problem, just hit reverse for a few seconds, then back to forward. The ability to switch from **forward to reverse** ensures that all types of materials mix well. Bring on the tough stuff!

# MIX 360 MORTARMAN

TOWABLE VERTICAL SHAFT PADDLE MIXER



NOISE LEVEL  
**<79 DB**

**MIX 360** | Model # 1194585-E | 220V/60Hz 5 HP, Single Phase

**MIX 360** | Model # 1194585-E | 220V or 440V/60Hz 5 HP, 3 Phase

**MIX 360 GAS** | Model # 1194585-G | 11 HP Honda GX

## THE MIX 360 OFFERS UNPARALLELED PRODUCTION AND JOBSITE / PLANT SAFETY

IMER built the first vertical shaft towable mixers 25 years ago using the principles of concrete batch plant design which allows for the paddles to rotate through the mix rather than lift and drop it as conventional mortar mixers do. The Mix 360 mixes very low slump materials like dry pack mortar and refractory cement with ease.



### OPTIONAL DUST GRATE

Take control of dust. Easily attach IMER's **iDUST** dust grate to the Mix 360 or 750 and attach a vacuum. Watch the dust be pulled downward, away from operators.



### ACCESSORIES FOR SAFETY

The standard open grate is ideal for materials such as fireproofing.

### RELIABILITY

The paddle systems are powered by monster gearboxes which were developed in our batch plant division.

Mixing loads with 3/8in aggregates is no problem!



### PRODUCTION

Listening, studying, and testing have lead to drum and paddle design changes that vastly improve batch output.

Why not have Mini Batch Plant (MBP) production for the cost of a mortar mixer?



### INDUSTRIAL ELECTRIC MOTOR

Does your application require you to mix stiff, dry materials? Bring on the MIX 360 and 750, they excel under these conditions.

We use industrial duty electric motors available in a wide range of voltage, single phase or three phase.



# MIX 750 MORTARMAN

TOWABLE VERTICAL SHAFT PADDLE MIXER

**MIX 750** | Model # 1194640-E | 220V or 440V/60Hz 7.5 HP, 3 Phase

**MIX 750** | Model # 1194640-E | 220V/60Hz 5 HP, Single Phase

**MIX 750 GAS** | Model # 1194640-G | 13 HP Honda GX



**NOISE LEVEL**  
**<79 DB**

## BATCH 16 CU. FT. OF MUD EVERY THREE TO FOUR MINUTES WITH THE MIX 750

The Mix 750 is the perfect partners for busy precast mixing operations. The discharge system is now easier to open and close and better protected from being hit by the mud bucket or forklift. The safety grate has been improved, it is now hinged, access for clean up is immediate and complete. Mini Batch Plant production for the cost of a mortar mixer. These mixers develop huge amounts of mixing power, far more than any horizontal shaft mortar mixer. The ability to mix refractory mud or stiff dry materials is truly amazing.



## Technical specifications

	MIX 360	MIX 750
Drum capacity	12 cu ft	22 cu ft
Batch output*	9 cu ft	16 cu ft
Drum diameter	38 in	52 in
Maximum Aggregate Size	3/8 in	3/8 in
Discharge outlet height	30 in	30 in
Pneumatic wheels	18 in	22 in
Weight	800 lbs	1,700 lbs
Electric motor rating	5 hp 220v 1ø or 3ø	5 hp 220v 1ø / 7.5 hp 220v 3ø
Gas engine	11 hp Honda	13 hp Honda w/elec. start
Length**	59 (80) in	90 (86) in
Height**	58 (56) in	62 (64) in
Width**	44 (50) in	63 (64) in

(\*) Materials can influence the batch output (\*\*) Operating Dimensions (palletized)



### SET UP

The stability legs slide outward to accommodate a wide variety of mud pans. They can also be adjusted up or down depending upon the desired discharge height.

These extra wide stability legs are standard on the MIX 750 and are available as an option on the MIX 360.





## THE MIXER FOR THE IMPOSSIBLE JOBS

The stiffer the mud or more difficult the mix then look no further than the Mortarman series of mixers. Designed to handle the most impossible of mix designs, these mixers are truly one-of-a-kind.

Mix up to 3/8" aggregate and mix it dry. Used in many pre-cast shops, job sites that require the mix of stiff mud for floor screed, refractory applications or even mixing epoxy or fast set concrete for use on roadways.

Vertical shaft mixers are designed and engineered from IMER's concrete division of batch mixers.



## CONTRACTORS & PRE CAST SHOPS SPEAK UP

*"The Mix 60 is the only mixer we'll ever use for our rubber safety surfacing products. Its powerful enough to mix our heavy urethanes and rubber granules, lightweight and incredibly portable, makes very little noise when running and after thousands of commercial and residential projects worldwide I've yet to see one breakdown on the jobsite."*

– Tom Welfare, Rubaroc, Ottawa, Canada

*"The Mix 120 Plus is freakin' awesome! This mixer saves us so much labor. We mix up some really brutal mud, very stiff and dry. For our type of work the MIX 120 Plus is hands down better than a 2 bag towable mortar mixer... it's a beast!"*

– Joshua Onion, Owner, Onion Stone, Homer, AK

*"I work in the French Quarter and mix lots of heavy lime mortar and dry pack for historical restoration, and the MIX 120 Plus has worked great! I especially appreciate the bottom dump, it's fast, clean, and very neat."*

– Bill Sampson, Bill's Brickwork, New Orleans, LA.

*"If you ever need a reference as to the quality and performance of your vertical shaft mixers I am available to do so. We go through a pallet of White Portland and 9,000 Lbs. of sand a day with the Mortarman 360, we get a great mix and no problems."*

– Greg M. Folz, Tulsa Castings, Bixby, OK

*"We operate our Mortarman 750's and 360's, 10 hours a day, 5 days a week. Our contract with Lowes keeps these mixers very busy. We are certainly pleased with their performance and the low amount of maintenance required."*

– Jeffrey, M-Rock Stone Manufacturing, Peterstown, WV