



REFINA Industrial Mixing Equipment

REFINA mixers are a range of industrial equipment that will batch mix liquids, resins, paints, powders and pastes in tubs, drums and barrels

The range includes hand held electric Megamixers, geared mixing motors, air powered mixers, industrial quality mixer paddles and stainless steel paddles, mixer stands, barrel and drum top clamps, tubs and material handling trolleys

The electric power tools are made in Germany by Eibenstock There are mixers for use in the paint and coating, marine and fibreglass trades, ceramics and pottery, plastics and rubber, moulding and manufacturing industries

MEGAMIXER™ Electric Power Mixers

- fast, thorough, consistent mixing
- hand held or stand mounted electric mixers
- powerful motors & gearboxes
- mix quantities from 1 ltr to 200 ltr
- 110 & 230 volt are available ex stock
- prompt nationwide collect and repair service
- full service backup & economic spares prices
- genuine German made power mixers & paddles
- large range of mixer paddles, shapes & sizes
- spiral, screw, gate & impellor designs
- sizes from 60mm to 300mm, 2" to 12" diameter
- M14 paddles for use with power tools
- M20 shaft paddles for heavy duty geared motors
- mixers for liquids, powders & heavy materials
- cements, epoxies, paints, adhesives & chemicals
- mixer barrel clamps, top brackets & pillar stands
- German made electric geared motors
- range of air powered mixers available

There are powerful motors and a range of paddles to mix paints and coatings, emulsions and solutions, fluids and slurries, powders, fillers, pastes and putties, chemicals and detergents, starches and chinks, ceramic glazes, pigments and clay slips, gelcoats, polyesters and resins, sealants, adhesives and two pack epoxies, plasters and gypsum materials, moulding and casting materials, polyurethanes, rubbers, silicones and latex, solid surface and plastic materials, cements and mortars, bitumens and waterproofer

For flammable materials, there is a range of air powered mixer drills and air motors



MM30/2 1800 WATT H HANDLE

- heavy duty electric mixers
- powerful motor & long life 2 speed gearbox
- soft start, low splash
- H handle for easy & comfortable handling
- high torque, slow speed for powerful mixing
- large range of interchangeable paddles
- use hand held or stand mounted
- guaranteed German made mixers & paddles

The MM30/2 is a two speed 1800 watt mixer. It is a well proven and robust power tool that will generate a fast, thorough mix action for consistent mixing results. The H handle gives easy handling and a comfortable work position; the H frame helps protect the power tool from knocks and damage.

All MEGAMIXERS have soft start variable speed that minimises splashing when starting.

With its heavy duty 1800 watt high torque motor and two speed gearbox, this is the most powerful hand held mixer drill available.

The slower speeds are for heavier, filled or granulates materials; the faster speeds are for lower viscosity fluids.

This MEGAMIXER can be used hand held or with a mixer stand.

The power mixer is recommended for use with a spiral paddle but can also be supplied with a variety of different M14 paddle designs and sizes.

APPLICATIONS

- mix powders & cements
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

MEGAMIXER MM30/2 1800w

Two speeds 230/560rpm

Power tool weight 7.2kg

Collar 60mm

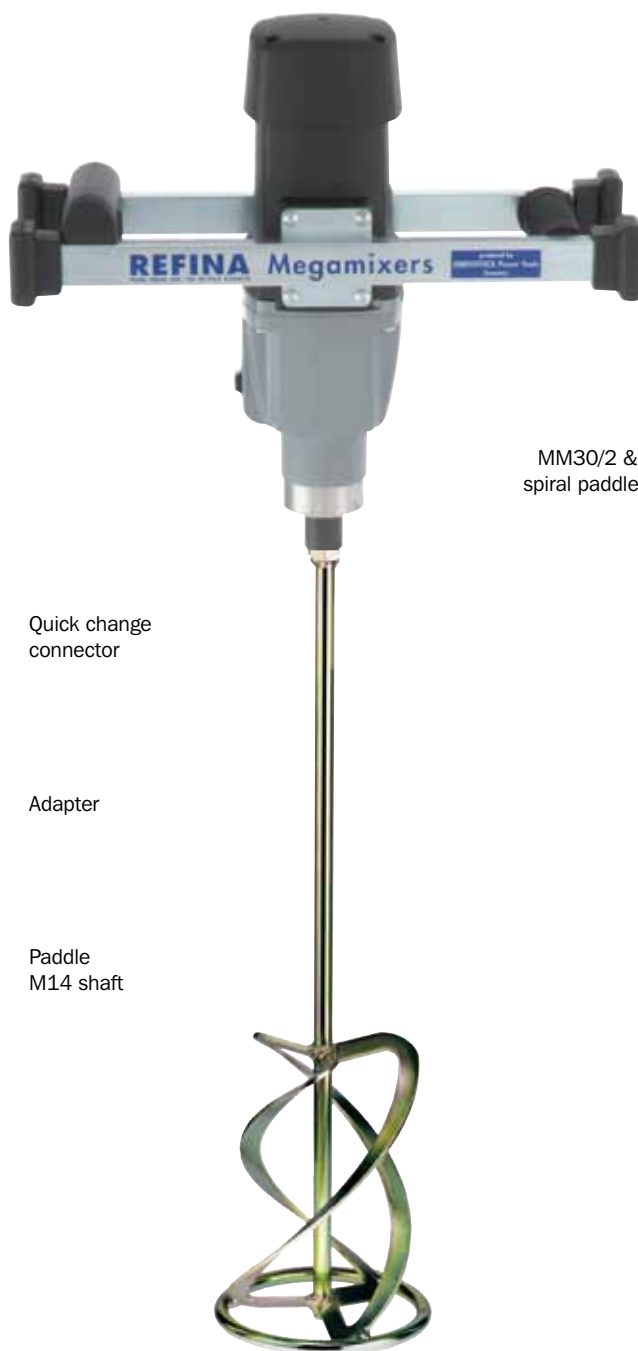
Vibration level 1.7m/s

Noise level 72dBA

Voltage 110v or 230v

Recommended paddle Ø at 230rpm: 160mm

Recommended paddle Ø at 560rpm: 140mm



MM30/2 & spiral paddle



Quick change connector



Adapter



Paddle
M14 shaft

MEGAMIXERS H HANDLE

MEGAMIXER with paddle, H handle, variable two speed, soft start

Stock no	Description	Power	Weight	2 speed	Thread	Mix	£ ex VAT
453020Z	MM30/2 mixer drill	1800 watt	7.2kg	230/560rpm	M14	20-200 ltr	379.00

QUICK CHANGE PADDLE CONNECTOR for use with M14 mixer drills

Stock no	Description	£ ex VAT
000201	quick change connector, 2 part kit	19.00
000202	adapter tailpiece for use with extra paddle	9.00

SPIRAL MIXER PADDLES, spiral paddles for paints & chemicals, zined

Stock no	Description	Width Ø	Length	Mix	£ ex VAT
450120	spiral mixer 4¾"	120mm	600mm	20-50 ltr	26.00
450140	spiral mixer 5½"	140mm	600mm	30-100 ltr	28.00
450160	spiral mixer 6¼"	160mm	600mm	40-200 ltr	32.00
450180	spiral mixer 7"	180mm	600mm	50-200 ltr	36.00
450200	spiral mixer 8"	200mm	600mm	75-200 ltr	40.00
450190	spiral mixer 9¼"	235mm	600mm	100-200 ltr	50.00



MM22 1150 WATT H HANDLE

- medium weight electric mixer
- powerful motor & long life 2 speed gearbox
- H handle for easy & comfortable handling
- high torque, slow speed for powerful mixing
- large range of interchangeable paddles
- use hand held or stand mounted
- guaranteed German made mixers & paddles

The MM22 is a medium weight two speed 1150 watt power mixer with H handle and reliable motor

The MEGAMIXER fitted with spiral paddle will mix heavy bodied materials and powders, slurries and pastes. With a propellor type paddle a greater mix shear is generated for liquids and coatings

The H handle gives easy handling and a comfortable mix position; the frame protects the power tool

This MEGAMIXER can be used hand held or with a mixer stand

The power mixer is recommended for use with a spiral paddle but can also be supplied with a variety of different M14 paddle designs and sizes

APPLICATIONS

- mix powders & cements
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

MEGAMIXER MM22 1150w

Two speeds 250/450rpm

Power tool weight 5.6kg

Collar 46mm

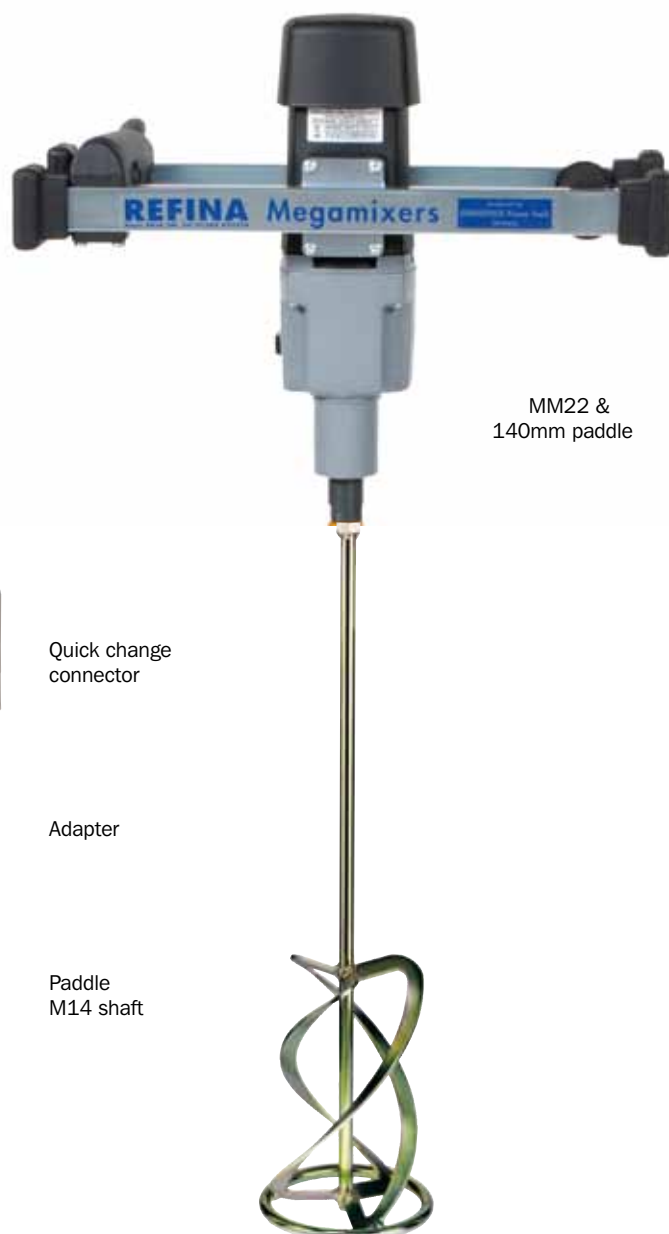
Vibration level 1.8m/s

Noise level 76dBA

Voltage 110v or 230v

Recommended paddle Ø at 250rpm: 140mm

Recommended paddle Ø at 450rpm: 120mm



MM22 & 140mm paddle



Quick change connector



Adapter



Paddle M14 shaft

MEGAMIXERS H HANDLE

MEGAMIXER with paddle, H handle, variable two speed, soft start

Stock no	Description	Power	Weight	2 speed	Thread	Mix	£ ex VAT
452220Z	MM22 mixer drill	1150 watt	5.6kg	250/450rpm	M14	20-200 ltr	299.00

QUICK CHANGE PADDLE CONNECTOR for use with M14 mixer drills

Stock no	Description	£ ex VAT
000201	quick change connector, 2 part kit	19.00
000202	adapter tailpiece for use with extra paddle	9.00

SPIRAL MIXER PADDLES, spiral paddles for paints & chemicals, zined

Stock no	Description	Width Ø	Length	Mix	£ ex VAT
450120	spiral mixer 4¾"	120mm	600mm	20-50 ltr	26.00
450140	spiral mixer 5½"	140mm	600mm	30-100 ltr	28.00
450160	spiral mixer 6¾"	160mm	600mm	40-200 ltr	32.00



MZR22 1150 WATT TWIN PADDLE

- powerful contra-rotating positive mix action
- twin paddles for thorough mixing
- easy mix action
- for heavy & difficult to mix materials
- fibre filled products & pastes
- soft start, low splash
- H handle mixer for easy handling

The MZR22 is a single speed 1150 watt mixer with twin contra-rotating paddles that generate a thorough and consistent mix action that reduces air entrainment

The twin paddles reduce counter rotational torque and the mixer drill does not try and twist when mixing heavier materials; it minimises operator fatigue particularly with stiff mixes

The MZR22 gives the most thorough mix for heavy mortars, fibre filled cements, pastes, putties and epoxies

The MZR22 is suited to multi-component, specialist materials and critical mix applications

The mixer can be used hand held or stand mounted

APPLICATIONS

- mix heavy materials & mortars
- epoxies & resins
- putties & pastes
- ceramics, granulates & rubbers
- putties & lime mortars
- fibre filled materials
- specialist paints & coatings

MEGAMIXER MZR22 1150w

Speed 450rpm

Power tool weight 6.8kg

Collar 55mm

Vibration level 4.3m/s

Noise level 77dBA

Voltage 110v or 230v

Paddles 2 x 120mm spiral



MZR22 & twin paddles

TWIN PADDLE MEGAMIXER

MEGAMIXER with double contra-rotating paddles, variable single speed, soft start

Stock no	Description	Power	Weight	1 speed	Paddles	Mix	£ ex VAT
452142Z	MZR22 twin paddle mixer	1150 watt	6.8kg	450rpm	contra twin	20-100 ltr	499.00

REPLACEMENT TWIN PADDLES

Stock no	Description	Width	Length	£ ex VAT
452140Z	EZR twin paddles, set of 2	2 x 120mm	600mm	95.00



MM19/2 1000W D HANDLE

- back & D handle mixers, easy handling
- powerful 1000 watt motor
- soft start low splash
- two speed gearbox
- large range of paddle designs

The MM19/2 is a two speed 1000 watt mixer with D handle power mixer that combines a simple well proven design, reliable gearbox and powerful motor

The two speed MM19/2 with the faster second speed generates a whisking mix action

This MEGAMIXER can be used hand held or with a mixer stand

The power mixer is recommended for use with a spiral paddle but can also be supplied with a variety of different M14 paddle designs and sizes

APPLICATIONS

- mix powders & cements
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

MEGAMIXER MM19/2 1000w

Speeds 430/760rpm

Power tool weight 3.2kg

Collar 43mm

Noise level 71dBA

Voltage 110v or 230v

Recommended paddle Ø at 430rpm: 120mm

Recommended paddle Ø at 760rpm: 100mm



Quick change connector



Adapter



Paddle
M14 shaft



MM19/2 &
spiral paddle

MEGAMIXER D HANDLE

MEGAMIXER with paddle, D back handle, variable two speed, soft start for faster mixing

Stock no	Description	Power	Weight	2 speed	Thread	Mix	£ ex VAT
451810Z	MM19/2 mixer drill	1000 watt	3.2kg	430/760rpm	M14	20-100 ltr	259.00

QUICK CHANGE PADDLE CONNECTOR for use with M14 mixer drills

Stock no	Description	£ ex VAT
000201	quick change connector, 2 part kit	19.00
000202	adapter tailpiece for use with extra paddle	9.00

SPIRAL MIXER PADDLES, spiral paddles for paints & chemicals, zined

Stock no	Description	Width Ø	Length	Mix	£ ex VAT
450120	spiral mixer 4¾"	120mm	600mm	20-50 ltr	26.00
450140	spiral mixer 5½"	140mm	600mm	30-100 ltr	28.00
450160	spiral mixer 6¾"	160mm	600mm	40-200 ltr	32.00

D HANDLE SLOW SPEED PADDLE MIXER



MM29/1 1800 WATT D HANDLE

- powerful 1800w motor, soft start, low splash
- use hand held or stand mounted
- heavy duty motor & long life gearbox
- back & hoop handle mixers for easy handling
- high torque & slow speed for heavy materials
- reliable power tools with fast service backup
- guaranteed German made mixers & paddles

The MM29/1 is a single speed 1800 watt mixer with D handle gives easy handling and a comfortable mix position

All MEGAMIXERS have soft start, variable speed, that minimises splashing when starting

This MEGAMIXER can be used hand held or with a mixer stand

The power mixer is recommended for use with a spiral paddle but can also be supplied with a variety of different M14 paddle designs and sizes

APPLICATIONS

- mix powders & cements
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

MEGAMIXER MM29/1 1800w

Speed 400rpm

Power tool weight 5.2kg

Collar 60mm

Vibration level 1.8m/s

Noise level 75dBA

Voltage 110v or 230v

Recommended paddle Ø at 400rpm: 160mm



Quick change connector



Adapter



Paddle M14 shaft



MM29/1 & spiral paddle

MEGAMIXERS D HANDLE

MEGAMIXER with paddle, D back handle, variable single speed, soft start

Stock no	Description	Power	Weight	1 speed	Thread	Mix	£ ex VAT
452910Z	MM29/1 mixer drill	1800 watt	5.2kg	400rpm	M14	20-200 ltr	319.00

QUICK CHANGE PADDLE CONNECTOR for use with M14 mixer drills

Stock no	Description	£ ex VAT
000201	quick change connector, 2 part kit	19.00
000202	adapter tailpiece for use with extra paddle	9.00

SPIRAL MIXER PADDLES, spiral paddles for paints & chemicals, zincd

Stock no	Description	Width Ø	Length	Mix	£ ex VAT
450120	spiral mixer 4¾"	120mm	600mm	20-50 ltr	26.00
450140	spiral mixer 5½"	140mm	600mm	30-100 ltr	28.00
450160	spiral mixer 6¾"	160mm	600mm	40-200 ltr	32.00
450180	spiral mixer 7"	180mm	600mm	50-200 ltr	36.00
450200	spiral mixer 8"	200mm	600mm	75-200 ltr	40.00

D HANDLE HIGH SPEED PADDLE MIXER



ETN2000/2R 1700 WATT D HANDLE

- powerful 1700w motor, soft start
- solidly made, hard working power tool
- heavy duty motor & long life gearbox
- back & hoop handle mixers for easy handling
- high speed for blending
- use hand held or stand mounted

The ETN2000/2R is a two speed 1700 watt high speed mixer with D handle for controlled and easy handling and a comfortable mix position

This MEGAMIXER can be used hand held or with a mixer stand

The power mixer is recommended for use with a propellor paddle to generate a high shear blending action

APPLICATIONS

- mix paints & coatings
- liquids & solutions
- emulsions & suspensions

ETN2000/2R 1700w

Speeds 800/1570rpm

Power tool weight 6.8kg

Collar 53mm

Vibration level 1.8m/s

Noise level 75dBA

Voltage 110v or 230v

Recommended paddle Ø at 800rpm: 125mm

Recommended paddle Ø at 1570rpm: 100mm



ETN2000/2R & 100mm paddle



Quick change connector



Adapter



Paddle
M14 shaft

HIGH SPEED MIXERS D HANDLE

HIGH SPEED MIXER DRILL, with paddle, D back handle, variable two speed, soft start for high speed mixing

Stock no	Description	Power	Weight	2 speed	Thread	Mix	£ ex VAT
450040Z	ETN2000/2R	1700 watt	6.8kg	800/1570rpm	M14	20-200 ltr	699.00

PROPELLOR TYPE PADDLES, two blade for use with higher speed drills

Stock no	Description	Width Ø	Length	Mix	£ ex VAT
080754	twin blade propellor paddle 3"	75mm	500mm	5-20 ltr	15.00
081004	twin blade propellor paddle 4"	100mm	600mm	10-25 ltr	20.00
081204	twin blade propellor paddle 5"	125mm	600mm	20-50 ltr	25.00



AHR24 CORDLESS MIXER

- 24 volt battery powered mixer
- alloy gearbox & metal gears
- supplied with 120mm hoop paddle
- for factory use & site work

The AHR24 is a single variable cordless battery powered mixer drill with 24 volt 1.7Ah quick charge battery; two batteries are supplied

The mixer is intended for intermittent mixing of small batches on site, away from mains voltage or around the factory

It is recommended for use with an 100mm diameter spiral paddle for coatings and liquids

APPLICATIONS

- liquids & slurries
- pourable resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

AHR24 24 volt

Speed 20-400rpm

Power tool weight 2.9kg

Recommended paddle Ø at 400rpm: 100mm

Vibration level 0.6m/s

Noise level 68dBA



AHR24 & 100mm paddle

CORDLESS MIXER

BATTERY POWERED SLOW SPEED MIXER DRILL, includes two 24 volt batteries

Stock no	Description	Battery	Weight	Variable speed	Thread	Mix	£ ex VAT
451300Z	AHR24 battery powered mixer	1.7AH 24 volt	2.9kg	20-400rpm	M10	10-50 ltr	189.00

CORDLESS MIXER SPIRAL PADDLE, for paints & coatings

Stock no	Description	Paddle Ø	Length	Mix	£ ex VAT
450370	spiral 4" paddle	100mm	500mm	10-20 ltr	16.00

ELECTRIC SLOW SPEED GEARED MIXER MOTORS

SLOW SPEED MIXER MOTORS

- heavy duty reduction gearboxes
- high torque slow speed motors
- range of paddles & sizes
- for mixing, blending & homogenizing
- motors to be used stand mounted

These slow speed heavy duty geared motors are designed for use in factories and industry batch mixing in drums, barrels and tubs

They will mix and blend coatings, paints, chemicals and pigments and remix settled out powders and sediments

Slower speeds are recommended for stirring and faster speeds for more aggressive mixing and blending. Choose the paddle size by considering the diameter of the mixing vessel and the material to be mixed

For slow speed motors larger diameter paddles can be used covering between half and two thirds of the diameter of the mixing vessel

The faster motor speeds require that a smaller diameter mixing propellor is used, normally between a quarter and a third of the mixing vessel

The power mixers are recommended for use with a spiral paddle but can also be supplied with a variety of different M14 or M20 paddle designs and sizes

This mixer motor should be used fixed with a mixer stand or barrel top bracket

APPLICATIONS

- for mixing flowable materials
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

EHB32/4 Slow Speed Drill 1700w

Four speeds 110/175/245/385rpm

Weight 6.9kg

Collar 65mm

Vibration level 1.9m/s

Noise level 72dBA

Voltage 230v

Recommended paddle Ø at 110rpm: 235mm

Recommended paddle Ø at 175rpm: 200mm

Recommended paddle Ø at 245rpm: 180mm

Recommended paddle Ø at 385rpm: 160mm



SLOW SPEED MIXER MOTORS

SLOW SPEED MIXER MOTOR, 4 speed

Stock no	Description	Power	Weight	4 speed	Thread	Mix	£ ex VAT
463200	EHB32/4 slow speed mixer 1700w	6.9kg	110/175/245/385rpm		M14 or M20	50-200 ltr	399.00

SPIRAL MIXER PADDLES, spiral paddles for paints & chemicals, zincd

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
450120	spiral mixer 4¾"	120mm	600mm	20-50 ltr	M14	26.00
450140	spiral mixer 5½"	140mm	600mm	30-100 ltr	M14	28.00
450160	spiral mixer 6¾"	160mm	600mm	40-200 ltr	M14	32.00
450180	spiral mixer 7"	180mm	600mm	50-200 ltr	M14	36.00
450200	spiral mixer 8"	200mm	600mm	75-200 ltr	M14	40.00
450190	spiral mixer 9¾"	235mm	600mm	100-200 ltr	M14	50.00

PADDLE EXTENSIONS, threaded, zincd

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 12"	300mm	M14	18.00
000114	paddle extension 18"	450mm	M14	28.00

ELECTRIC TWO SPEED GEARED MIXER MOTOR

EBM250/2R MIXER MOTOR

- heavy duty reduction gearboxes
- high torque motors
- range of paddles & sizes
- for mixing, blending & homogenizing
- motors to be used stand mounted

These heavy duty geared motors are designed for use in factories and industry

The paddles will mix and blend coatings, paints, chemicals and pigments and remix settled out powders and sediments

The EBM250/2R is for use with propellor type paddles for agitation and stirring

Slower speeds are recommended for stirring and the faster speeds for more aggressive mixing and blending

The two speed EBM250/2R mixer has a speed range from 360 to 850 rpm and it is suitable for both blending and semi-dispersion applications. It is for use with a pedestal type mixer stand

This geared mixer motor is for use with M20 propellor paddles

Choose the paddle size by considering the diameter of the mixing vessel, the material to be mixed, whether stirring or more intense mixing is required

The faster motor speeds require that a smaller diameter mixing propellor is used

This mixer motor should be used fixed with a mixer stand or barrel top bracket

APPLICATIONS

- for mixing flowable materials
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

EBM250/2R Mixer Motor 2500w

Speeds 360/850rpm

Motor weight 10.5kg

Collar 72mm

Capacity 50-200 ltr

Vibration level 1.8m/s

Noise level 75dBA

Voltage 230v

Recommended paddle Ø at 360rpm: 200mm

Recommended paddle Ø at 850rpm: 150mm



EBM250/2R
two speed motor



INDUSTRIAL MIXER THREE SPEED MOTOR

MEDIUM & HIGH SPEED MIXER MOTOR, stand mounted, for use with impellor or swing vane paddles

Stock no	Description	Power	2 speed	Thread	Mix	£ ex VAT
472250Z	EBM250/2R mixer motor	2500 watt	360/850rpm	M25	50-200 ltr	899.00

PROPELLOR TYPE MIXER PADDLES, stainless steel, for mixing in drums, tubs & barrels

Stock no	Description	Width Ø	Mix	£ ex VAT
091006	propellor mixer 6"	150mm	25-200 ltr	75.00
091008	propellor mixer 8"	200mm	50-200 ltr	105.00
091010	propellor mixer 10"	255mm	75-200 ltr	145.00
091012	propellor mixer 12"	305mm	100-200 ltr	175.00

SHAFT for propellor mixers, machined stainless steel, for mixing in drums, tubs & barrels

Stock no	Description	Length	Shaft Ø	£ ex VAT
091034	mixer shaft	600mm	32mm	110.00
091036	mixer shaft	800mm	32mm	130.00
091038	mixer shaft	1000mm	32mm	150.00

ELECTRIC THREE SPEED GEARED MIXER MOTOR

EBM350/3R MIXER MOTOR

- heavy duty reduction gearboxes
- high torque motors
- range of paddles & stands
- for mixing, blending & homogenizing
- motors to be used stand mounted

These mixers are for mixing fluids in cans, containers and 45 gallon drums

The paddles will mix and blend coatings, paints, chemicals and pigments and remix settled out powders and sediments

The EBM350/3R is for use with larger propellor type paddles for agitation and stirring

Slower speeds are recommended for stirring and the faster speeds for more aggressive mixing and blending

The three speed EBM350/3R mixer has a speed range from 230 to 1030 rpm and it is suitable for both blending and semi-dispersion applications. It is for use with a pedestal type mixer stand

This geared mixer motor is for use with M20 propellor paddles

Choose the paddle size by considering the diameter of the mixing vessel, the material to be mixed, whether stirring or more intense mixing is required

The faster motor speeds require that a smaller diameter mixing propellor is used

This mixer motor should be used fixed with a mixer stand or barrel top bracket

APPLICATIONS

- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- adhesives & sealants

EBM350/3R 3500w

Speeds 230/500/1030rpm

Motor Weight 12.4kg

Collar 72mm

Capacity 50-200 ltr

Vibration level 1.8m/s

Noise level 76dBA

Voltage 230v

Recommended paddle Ø at 230rpm: 255mm

Recommended paddle Ø at 500rpm: 200mm

Recommended paddle Ø at 1030rpm:150mm

EBM350/3R
three speed motor



INDUSTRIAL MIXER MEDIUM SPEED MOTOR

MEDIUM & HIGH SPEED MIXER MOTOR, stand mounted, for use with impellor or swing vane paddles

Stock no	Description	Power	3 speed	Thread	Mix	£ ex VAT
450040Z	EBM350/3R electric mixer motor	3500 watt	230/500/1030rpm	M25	50-200 ltr	1195.00

PROPELLOR TYPE MIXER PADDLES, stainless steel, for mixing in drums, tubs & barrels

Stock no	Description	Width Ø	Mix	£ ex VAT
091006	propellor mixer 6"	150mm	25-200 ltr	75.00
091008	propellor mixer 8"	200mm	50-200 ltr	105.00
091010	propellor mixer 10"	255mm	75-200 ltr	145.00
091012	propellor mixer 12"	305mm	100-200 ltr	175.00

SHAFT for propellor mixers, machined stainless steel, for mixing in drums, tubs & barrels

Stock no	Description	Length	Shaft Ø	£ ex VAT
091034	mixer shaft	600mm	32mm	110.00
091036	mixer shaft	800mm	32mm	130.00
091038	mixer shaft	1000mm	32mm	150.00