



REFINA Mixing Paddles

REFINA mixers include a large range of mixing paddles that will mix liquids, resins, paints, powders and pastes. The range includes M14 and M20 shaft paddles for use with hand held electric Megamixers, stand mounted geared mixing motors or air powered mixers. There are industrial quality paddles, mainly produced in Germany, for use in marine, grp, ceramics, plastics rubber, moulding and manufacturing industries, paint and coating trades.

MEGAMIXER™ Industrial Mixer Paddles

- fast, thorough, consistent mixing
- for use with hand held or stand mounted mixers
- mix quantities from 1 ltr to 200 ltr
- prompt nationwide collect and repair service
- 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
- German made M14 paddles
- M20 shaft paddles for heavy duty geared motors
- zinc coated or stainless steel paddles
- plastic & alloy head paddles available
- paddles for liquids, powders & heavy materials
- cements, epoxies, paints, adhesives & chemicals
- mixer barrel clamps, top brackets & pillar stands



Slower speed mixers 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.

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

BARREL & DRUM MIXER PADDLES

SPIRAL MIXER PADDLES

- zinc plated spiral paddles
- spiral & helix shape
- generates a turn & lift mix action
- a range of sizes for various mix capacities
- for open top tubs, drums & barrels
- German made & designed
- M14 thread & shaft

These spiral paddles are a three blade helix shape that mixes and turns the material, pulling from bottom to top

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers
There are paddle sizes from 100 to 235mm diameter, for use mixing in metal drums, plastic tubs or containers from 10 ltr to 200 ltr

The paddle size should be between a third and a half of the drum diameter

The spiral design is for mixing both fluid, filled and viscous products including paints, cements, resins and epoxies

APPLICATIONS

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



spiral paddle

BARREL & DRUM MIXER PADDLES

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

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 6¼"	160mm	600mm	40-200 ltr	M14	30.00
450180	spiral mixer 7"	180mm	600mm	50-200 ltr	M14	35.00
450200	spiral mixer 8"	200mm	600mm	75-200 ltr	M14	40.00
450190	spiral mixer 9¼"	235mm	600mm	100-200 ltr	M14	50.00

PADDLE EXTENSIONS, threaded, zined

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

BARREL & DRUM MIXER PADDLES

BARREL & DRUM MIXER PADDLES

- zinc plated demi helix paddles
- for closed top drums & barrels
- plated spiral paddles
- German made & designed
- M14 thread & shaft

These barrel mixer spiral paddles are a demi helix shape that feeds through the 2" bung hole in the top of 200 ltr metal and plastic drums

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers

There overall paddle size 80mm diameter

The spiral design is for mixing both fluid and medium viscosity products including paints, and porable resins

APPLICATIONS

- mix powders & cements
- liquids & slurries
- resins & epoxy
- heavy bodied coatings & paints
- emulsions & solutions



mix through
closed top barrels



demi-helix paddle
barrel mixer

BARREL & DRUM MIXER PADDLES

SCREW SPIRAL BARREL MIXERS, demi helix paddles for mixing through 2" bung hole, zincd

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
042806	demi-helix barrel mixer 3"	80mm	750mm	50-100 ltr	M14	49.00
043806	demi-helix barrel mixer 3"	80mm	1150mm	50-200 ltr	M14	49.00

BARREL & DRUM MIXER PADDLES

GATE & HOOP PADDLES

- zinc plated paddles
- generates a radial mix action
- flat shapes for stirring
- zinc plated spiral paddles
- for open top tubs, drums & barrels
- M14 thread & shaft

The gate paddle is simple two blade shape that folds and turns the material

The plate paddle is a flat blade shape that pushes the material sideways to the outside of the tub

Both paddles should be used at slow speeds

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers

The gate and plate designs are for mixing fluid, and low viscosity products including paints, low viscosity resins and epoxies

The industrial mixer paddles are for factory and laboratory use, mixing coatings and chemicals

The paddle size should be between a third and a half of the drum diameter

APPLICATIONS

- mix liquids & slurries
- low viscosity resins & epoxy
- coatings & paints
- adhesives & sealants



gate paddle



plate paddle

BARREL & DRUM MIXER PADDLES

GATE MIXER PADDLE, open design paddle, used with slow speed mixer drills for paints & chemicals, zinced

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
011104	gate mixer 8"	200mm	600mm	50-200 ltr	M14	29.00

PLATE MIXER PADDLE, used with slow speed mixer drills for paints & chemicals, zinced

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
011212	plate mixer 4¾"	120mm	600mm	50-200 ltr	M14	26.00

PADDLE EXTENSIONS, threaded, zinced

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

HOOP MIXER PADDLES

HOOP MIXER PADDLES

- zinc plated hoop paddles
- generates a whisking mix action
- a range of sizes for various mix capacities
- for open top tubs, drums & barrels
- German made & designed
- M14 thread & shaft

These hoop paddles are a range of mixing paddles that generate a whisking and radial mix action that can be used at medium to faster speeds

The anchor shape paddle is a simple design that gives a low shear mix action and can be used at slow and medium speeds

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers. There are paddle sizes from 90 to 200mm diameter, for use mixing in metal drums, plastic tubs or containers from 10 ltr to 100 ltr

The industrial mixer paddles are for factory and laboratory use, mixing coatings and chemicals

There are paddle sizes from 100 to 235mm diameter, for use mixing in metal drums, plastic tubs or containers from 10 ltr to 200 ltr

The paddle size should be between a third and a half of the drum diameter

APPLICATIONS

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



011001
hoop cage paddle



011002
hoop cage paddle



450320
anchor paddle



450150
hoop paddle



450152
round hoop paddle

HOOP MIXER PADDLES

HOOP MIXER PADDLES, cage type

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
011001	hoop cage paddle 3½"	90mm	600mm	10-25 ltr	M14	16.00
011002	hoop cage paddle 4¾"	120mm	600mm	10-50 ltr	M14	19.00

HOOP MIXER PADDLE, hoop type

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
450150	hoop paddle 6"	150mm	600mm	10-25 ltr	M14	15.00
450152	round hoop paddle 6"	150mm	600mm	10-25 ltr	M14	15.00

ANCHOR MIXER PADDLE, used with slow speed mixer drills for paints & chemicals, zincd

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
450320	anchor mixer 8"	200mm	600mm	20-100 ltr	M14	19.00

PADDLE EXTENSIONS, threaded, zincd

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

PROPELLOR MIXER PADDLES

PROPELLOR MIXER PADDLES

- zinc plated propellor paddles
- twin propellor design
- a range of sizes for various mix capacities
- for open top tubs, drums & barrels
- German made & designed
- M14 thread & shaft

These two disc paddles are a propellor shape that generate a high shear mix action

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers There are paddle sizes from 75 to 150mm diameter, for use mixing in metal drums, plastic tubs or containers from 10 ltr to 100 ltr

The paddle size should be between a third and a half of the drum diameter

The propellor design is for mixing both fluid and semi viscous products, blending together powders and liquids, coatings, ceramic glazes, clay slips, polyester resins and gelcoats

These propellor style industrial mixer paddles are for factory and laboratory use, mixing coatings and chemicals

There are paddle sizes from 100 to 150mm diameter, for use mixing in metal drums, plastic tubs or containers from 10 ltr to 200 ltr

The propellor type paddles will work at faster speeds and will develop a semi-dispersion type of mix action

APPLICATIONS

- mix powders & cements
- liquids & slurries
- pourable resins & epoxy
- heavy bodied coatings & paints
- emulsions & solutions



twin impellor
125mm paddle



twin impellor
150mm paddle

PROPELLOR MIXER PADDLES

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
080754	twin blade propellor paddle 3"	75mm	500mm	5-20 ltr	M14	15.00
081004	twin blade propellor paddle 4"	100mm	600mm	10-25 ltr	M14	19.00
081204	twin blade propellor paddle 5"	125mm	600mm	20-50 ltr	M14	23.00
081504	twin blade propellor paddle 6"	150mm	600mm	40-100 ltr	M14	30.00

PADDLE EXTENSIONS, threaded, zincd

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

PROPELLOR MIXER PADDLES

PROPELLOR MIXER PADDLES

- semi-dispersion type paddles
- zinc plated paddles
- bolt on impellor blades
- adjustable height & position
- for closed top drums & barrels
- zinc plated propellor paddles
- for open top tubs, drums & barrels
- M14 thread & shaft

These two disc paddles are a propellor shape that generate a high shear mix action. The twin impellor discs are fixed to the main shaft with a grub screw, allowing the height to the second disc to be adjusted

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers. There are two paddle sizes 125mm and 150mm diameter, for use mixing in metal drums, plastic tubs or containers from 20 ltr to 100 ltr

The paddle size should be between a third and a half of the drum diameter

The propellor design is for mixing both fluid and semi viscous products, blending together powders and liquids, coatings, ceramic glazes, clay slips, polyester resins and gelcoats

The propellor type paddles will work at faster speeds and will develop a medium shear semi-dispersion type of mix action

APPLICATIONS

- mix powders & cements
- liquids & slurries
- pourable resins & epoxy
- heavy bodied coatings & paints
- emulsions & solutions



PROPELLOR MIXER PADDLES

IMPELLOR dispersion type paddles, bolt on mixer blades, for paints & chemicals, zincd

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
084041	single impellor 5"	125mm	600mm	25-50 ltr	M14	19.00
084042	twin impellor 5"	125mm	600mm	25-50 ltr	M14	29.00

IMPELLOR dispersion type paddles, bolt on mixer blades, for paints & chemicals, zincd

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
084071	single impellor 6¼"	160mm	600mm	30-75 ltr	M14	29.00
084072	twin impellor 6¼"	160mm	600mm	30-75 ltr	M14	39.00

PADDLE EXTENSIONS, threaded, zincd

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

ALLOY TURBO MIXER PADDLES

TURBO PROPELLOR MIXER PADDLES

- semi-dispersion type paddles
- cast aluminium paddles
- bolt on impellor blades
- adjustable height & position
- for closed top drums & barrels
- zinc plated propellor paddles
- for open top tubs, drums & barrels
- M14 thread & shaft

These two turbo disc paddles are a multi vane propellor shape that generate a high shear mix action. The twin impellor discs are fixed to the main shaft with a grub screw, allowing the height to the second disc to be adjusted

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers

The multi vane turbo design design is for mixing both fluid and semi viscous products, blending together powders and liquids, coatings, ceramic glazes, clay slips, polyester resins and gelcoats

The multi vane turbo paddles will work at faster speeds and will develop a medium shear semi-dispersion type of mix action

APPLICATIONS

- mix powders & cements
- liquids & slurries
- pourable resins & epoxy
- heavy bodied coatings & paints
- emulsions & solutions



twin impellor
160mm paddle



adjustable height
twin impellers

ALLOY BLADE TURBO MIXER PADDLES

EZ ALLOY HEAD PADDLES, two blade for use with higher speed drills

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
100102	twin blade propellor paddle 6¼"	160mm	600mm	10-50 ltr	M14	19.00

PADDLE EXTENSIONS, threaded, zined

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00

ALLOY GATE MIXER PADDLES

GATE PADDLE

- cast aluminium paddles
- for open top tubs, drums & barrels
- generates a radial mix action
- flat shapes for stirring
- for open top tubs, drums & barrels

The gate paddle is simple two blade shape that folds and turns the material

Both paddles should be used at slow speeds

The paddles have an M14 thread and shaft and are for use hand held or stand mounted with the electric Megamixers are air powered geared mixers

The gate paddles are for mixing fluid, and low viscosity products including paints, low viscosity resins and epoxies

The industrial mixer paddles are for factory and laboratory use, mixing coatings and chemicals

The paddle size should be between a third and a half of the drum diameter

APPLICATIONS

- mix liquids & slurries
- medium viscosity resins & epoxy
- coatings & paints
- adhesives & sealants
- rubbers, silicones & latex



alloy
gate paddle

ALLOY GATE MIXER PADDLES

GATE MIXER PADDLE, open design paddle, used with slow speed mixer drills for paints & chemicals, zinc

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
011104	gate mixer 9½"	240mm	600mm	50-200 ltr	M14	39.00

PADDLE EXTENSIONS, threaded, zinc

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 9"	250mm	M14	18.00
000114	paddle extension 18"	500mm	M14	28.00