



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

These 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 chinks, 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 electric Megamixers or air powered geared mixers

There are paddle sizes from 120 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, 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

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 electric or air powered geared mixers

The 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, zined

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

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 electric or 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



450320
hoop cage paddle



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
450320	hoop cage paddle 4¾"	120mm	600mm	10-25 ltr	M14	16.00
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
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, zinced

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, zinced

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 12"	300mm	M14	18.00
000114	paddle extension 18"	450mm	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 electric or 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	12.00
081204	twin blade propellor paddle 5"	125mm	600mm	20-50 ltr	M14	25.00
081504	twin blade propellor paddle 6"	150mm	600mm	40-100 ltr	M14	35.00

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

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 electric or 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.

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



084040 additional impellor paddle

084041 impellor 125mm paddle

PROPELLOR MIXER PADDLES

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
084041	single impellor 5"	125mm	600mm	25-50 ltr	M14	19.00
084040	additional paddle head	125mm				9.00

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
084071	single impellor 6¼"	160mm	600mm	30-75 ltr	M14	29.00
084070	additional paddle head	160mm				19.00

PADDLE EXTENSIONS, threaded, zined

Stock no	Description	Length	Thread	£ ex VAT
000110	paddle extension 12"	300mm	M14	18.00
000114	paddle extension 18"	450mm	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
- zinc plated propellor shaft
- 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 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 electric or air powered geared mixers

The multi vane turbo 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

Available with stainless steel shaft, add £20

APPLICATIONS

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



100100 additional turbo paddle

100101 turbo 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
100101	single turbo paddle 6¼"	160mm	600mm	10-50 ltr	M14	19.00
100100	additional paddle head	160mm				15.00

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

ALLOY PLUNGE MIXER PADDLES

BASKET MIXER PADDLES

- basket type paddles
- cast aluminium paddles
- for open top drums & barrels
- zinc plated shafts
- for open top tubs, drums & barrels
- M14 thread & shaft

These basket type paddles generate a cutting and medium shear mix action. The impellers 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 electric or air powered geared mixers

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

Available with stainless steel shaft, add £20

APPLICATIONS

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



100211 mini paddle
for 2" bung hole



100213
80mm paddle



100215
120mm paddle

ALLOY BLADE PLUNGE MIXER PADDLES

ALLOY HEAD PLUNGE PADDLE, fits through bung hole on tight head tubs & drums, two blade for use with higher speed drills

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
100211	plunge paddle 2 1/4"	55mm	600mm	5-25 ltr	M14	29.00
100210	additional paddle head	55mm				19.00

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
100213	plunge paddle 3"	80mm	600mm	5-15 ltr	M14	29.00
100212	additional paddle head	80mm				19.00

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
100215	plunge paddle 4 3/4"	120mm	600mm	20-50 ltr	M14	39.00
100214	additional paddle head	120mm				29.00

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

Stock no	Description	Width Ø	Length	Mix	Thread	£ ex VAT
100217	plunge paddle 6"	150mm	600mm	40-100 ltr	M14	49.00
100216	additional paddle head	150mm				39.00

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

ALLOY SWING TOOTHED MIXER PADDLES

SWING VANE MIXER PADDLES

- alloy swing vane paddles
- serrated T shape paddles open out in use
- when closed paddles fit through a 2" bung hole
- for closed top tubs, drums & barrels
- M14 thread & shaft

The swing vane paddle open outwards when speeds over 100rpm are applied

When not under load the paddle blades drop down and can be fitted through a 2" drum top bung hole

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

The toothed 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 paddles will work at medium speeds and will develop an axial mix action

Available with stainless steel shaft, add £20

APPLICATIONS

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



alloy swing T
toothed twin paddle
half open



100203 alloy swing T
toothed paddle
fully open



100201 alloy swing T
toothed paddle
fully open

ALLOY SWING T TOOTHED PADDLES

BARREL MIXER, alloy, swing toothed shape paddle, lifts up & outwards, for use through 2" bung holes in tight head tubs & drums

Stock no	Description	Width	Length	Mix	Thread	£ ex VAT
100201	swing T toothed paddle 5"	125mm	600mm	10-50 ltr	M14	39.00

BARREL MIXER, alloy, swing toothed shape paddle, lifts up & outwards, for use through 2" bung holes in tight head tubs & drums

Stock no	Description	Width	Length	Mix	Thread	£ ex VAT
100203	swing T toothed paddle 6"	150mm	600mm	25-200 ltr	M14	49.00
100202	additional paddle head	150mm				39.00

PADDLE EXTENSION, stainless steel, threaded

Stock no	Description	Length	Thread	£ ex VAT
000120	paddle extension 9"	250mm	M14	28.00
000124	paddle extension 18"	500mm	M14	38.00

STAINLESS STEEL SWING VANE MIXER PADDLES

BARREL SWING VANE MIXER PADDLES

- stainless steel swing vane paddles
- paddles open out in use
- when closed paddles fit through a 2" bung hole
- for closed top tubs, drums & barrels
- M14 thread & shaft

The swing vane paddles open outwards when speeds over 100rpm are applied

When not under load the paddle blades drop down and can be fitted through a 2" drum top bung hole

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

The vane 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 paddles will work at medium speeds and will develop an axial mix action

APPLICATIONS

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



stainless steel
twin head
swing vane open



stainless steel
twin head
swing vane closed

STAINLESS STEEL PADDLES

BARREL MIXER, stainless steel, swing vanes lift up & outwards, for use through 2" bung holes in drums

Stock no	Description	Width	Length	Mix	Thread	£ ex VAT
094060	swing vane single head paddle 6"	150mm	600mm	25-50 ltr	M14	79.00
094061	additional paddle head	150mm				59.00

BARREL MIXER, stainless steel, swing vanes lift up & outwards, for use through 2" bung holes in drums

Stock no	Description	Width	Length	Mix	Thread	£ ex VAT
094080	swing vane single head paddle 8"	200mm	600mm	25-50 ltr	M14	89.00
094081	additional paddle head	200mm				69.00

PADDLE EXTENSION, stainless steel, threaded

Stock no	Description	Length	Thread	£ ex VAT
000120	paddle extension 12"	300mm	M14	28.00
000124	paddle extension 18"	450mm	M14	38.00
000126	paddle extension 24"	600mm	M14	48.00

STAINLESS STEEL MIXER PADDLES

STAINLESS STEEL MIXER PADDLES

- stainless steel paddles
- a range of sizes
- for open top drums & barrels
- suitable for corrosive materials
- generates a turn & lift mix action
- a range of sizes for various mix capacities
- German made & designed
- M14 thread & shaft

These stainless steel spiral paddles are a three blade helix shape that mixes and turns the material, pulling the material 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 120 to 160mm diameter, for use mixing in metal drums, plastic tubs or containers from 20 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
stainless steel
140mm paddle

STAINLESS STEEL PADDLES

INDUSTRIAL MIXERS, stainless steel, for mixing corrosive materials

Stock no	Description	Width	Length	Mix	Thread	£ ex VAT
450220	spiral paddle 4¾"	120mm	600mm	20-50 ltr	M14	59.00
450240	spiral paddle 5½"	140mm	600mm	25-75 ltr	M14	69.00
450260	spiral paddle 6¼"	160mm	600mm	40-100 ltr	M14	79.00

PADDLE EXTENSION, stainless steel, threaded

Stock no	Description	Length	Thread	£ ex VAT
000120	paddle extension 12"	300mm	M14	28.00
000124	paddle extension 18"	450mm	M14	38.00
000126	paddle extension 24"	600mm	M14	48.00

STAINLESS STEEL PROPELLOR MIXER PADDLES

STAINLESS STEEL PROPELLOR PADDLES

- stainless steel propellor paddles
- develop an axial flow mix action
- a range of sizes for various mix capacities
- for open top tubs, drums & barrels

These are stainless steel propellor paddles that generate an axial flow and pumping mix action

The paddles are fixed to the solid shaft with a grub screw. A second propellor head can be added to the shaft

The paddles are for use with geared electric and air powered mixer motors that are stand or bracket mounted

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

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

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

Order the propellor head and shaft separately

APPLICATIONS

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



091008
150mm mixer



091010
200mm mixer

PROPELLOR MIXER PADDLES

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