

MIXERS



FOR FLUID TREATMENT

The compact submersed mixers have been designed for a wide range of applications. These devices can be used independently from the shape and size of the basin. Fields of application: water purification plants, biogas plants, production of liquid feed-stuff.



Fixed mixer with internal stand and locking device for fitting to an open or partially-covered tank.
Designed for the water treatment sector, irrigation, etc. These mixers can handle products with a maximum density of 40°Bé and viscosity not exceeding 1.500 cps at atmospheric pressure.

series "F" Usable in cylindrical drums of a max. 1000 litres capacity.

| TYPE | Kw | R.P.M. | voltage | shaft mm | Ø impeller mm | shaft and impeller | support | support AISI 304 | weight Kg |
|-----------|------|--------|----------------------|----------|---------------|--------------------|---------|------------------|-----------|
| F-0850-2 | 0,25 | 940 | 220/380 220 S.ph. | 850 | 120 | INOX AISI 316 | PVC | - | 10,4 |
| F-1000-2 | 0,25 | 940 | 220/380 220 S.ph. | 1.000 | 120 | INOX AISI 316 | PVC | - | 11 |
| F-1200-2 | 0,25 | 940 | 220/380 220 S.ph. | 1.200 | 120 | INOX AISI 316 | PVC | - | 11,5 |
| F-85 S-35 | 0,25 | 940 | 220/380 220 S.ph. | 850 | 120 | INOX AISI 316 | - | INOX 35 cm | 11 |
| F-10 S-35 | 0,25 | 940 | 220/380 220 S.ph. | 1.000 | 120 | INOX AISI 316 | - | INOX 35 cm | 13 |
| F-10 S-90 | 0,25 | 940 | 220/380 220 S.ph. | 1.000 | 120 | INOX AISI 316 | - | INOX 90 cm | 16 |
| F-12 S-35 | 0,25 | 940 | 220/380 220 S.ph. | 1.200 | 120 | INOX AISI 316 | - | INOX 35 cm | 14 |
| F-15 S-90 | 0,25 | 940 | 220/380 220 S.ph. | 1.500 | 120 | INOX AISI 316 | - | INOX 90 cm | 16 |

series "H" Usable in cylindrical drums of a max. 3000 litres capacity.

| TYPE | Kw | R.P.M. | voltage | shaft mm | Ø impeller mm | shaft and impeller | support AISI 304 | weight Kg |
|------------|------|--------|----------------------|----------|---------------|--------------------|------------------|-----------|
| H-10 S-35 | 0,55 | 940 | 220/380 220 S.ph. | 1.000 | 160 | INOX AISI 316 | INOX 35 cm | 16 |
| H-10 S-90 | 0,55 | 940 | 220/380 220 S.ph. | 1.000 | 160 | INOX AISI 316 | INOX 90 cm | 20 |
| H-12 S-35 | 0,55 | 940 | 220/380 220 S.ph. | 1.200 | 160 | INOX AISI 316 | INOX 35 cm | 17 |
| H-12 S-110 | 0,55 | 940 | 220/380 220 S.ph. | 1.200 | 160 | INOX AISI 316 | INOX 110 cm | 21 |
| H-15 S-90 | 0,55 | 940 | 220/380 220 S.ph. | 1.500 | 160 | INOX AISI 316 | INOX 90 cm | 21 |
| H-15 S-140 | 0,55 | 940 | 220/380 220 S.ph. | 1.500 | 160 | INOX AISI 316 | INOX 140 cm | 24 |
| H-18 S-170 | 0,55 | 940 | 220/380 220 S.ph. | 1.800 | 160 | INOX AISI 316 | INOX 170 cm | 26 |
| H-20 S-190 | 0,55 | 940 | 220/380 220 S.ph. | 2.000 | 160 | INOX AISI 316 | INOX 190 cm | 27 |

series "J" Usable in cylindrical drums of a max. 5000 litres capacity.

| TYPE | Kw | R.P.M. | voltage | shaft mm | Ø impeller mm | shaft and impeller | support AISI 304 | weight Kg |
|------------|-----|--------|----------------------|----------|---------------|--------------------|------------------|-----------|
| J-12 S-110 | 1,1 | 940 | 220/380 220 S.ph. | 1.200 | 200 | INOX AISI 316 | INOX 110 cm | 26,5 |
| J-15 S-140 | 1,1 | 940 | 220/380 220 S.ph. | 1.500 | 200 | INOX AISI 316 | INOX 140 cm | 28 |
| J-18 S-170 | 1,1 | 940 | 220/380 220 S.ph. | 1.800 | 200 | INOX AISI 316 | INOX 170 cm | 30 |
| J-20 S-190 | 1,1 | 940 | 220/380 220 S.ph. | 2.000 | 200 | INOX AISI 316 | INOX 190 cm | 32 |

NOTE: Only the mixers in PP and PVDF have the opportunity to run dry.



MIXERS



IN PP OR PVDF - series "E" and series "EH"

PP and PVDF mixers for processing acids. No stand with locking device for tank installation. Watertight, this being achieved by means of a fixed ceramic part and V-ring seal in the top section and an O-ring fitted to the bolt-on impeller. Series E L. 600/800 mm usable in cylindrical drums of a max. 400 litres capacity. Series E L. 1000/1200 mm usable in cylindrical drums of a max. 1000 litres capacity. Series EH usable in cylindrical drums of a max. 3000 litres capacity.

| TYPE | Kw | R.P.M. | voltage | shaft mm | Ø impeller mm | coated shaft | impeller | weight Kg |
|-----------|------|--------|----------------------|----------|---------------|---------------|---------------|-----------|
| E-600-4 | 0,11 | 940 | 220 S.ph. 220/380 | 600 | 125 | PP or PVDF | PP or PVDF | 5 |
| E-800-4 | 0,11 | 940 | 220 S.ph. 220/380 | 800 | 125 | PP or PVDF | PP or PVDF | 5,5 |
| E-1000-4 | 0,25 | 940 | 220 S.ph. 220/380 | 1.000 | 140 | PP or PVDF | PP or PVDF | 10,5 |
| E-1200-4 | 0,25 | 940 | 220 S.ph. 220/380 | 1.200 | 140 | PP or PVDF | PP or PVDF | 11 |
| EH-1200-4 | 0,55 | 940 | 220 S.ph. 220/380 | 1.200 | 160 | PP or PVDF | PP or PVDF | 14,5 |
| EH-1400-4 | 0,55 | 940 | 220 S.ph. 220/380 | 1.400 | 160 | PP or PVDF | PP or PVDF | 15 |



series "RV"

Low-speed agitator with crown and worm reduction unit.

The Aisi 316 stainless steel shaft is coupled with a pin inside the hollow shaft of the agitator.

They are intended for homogeneizing and flocculation processes.

Fit with a flange to be applied on opened or semiclosed containers.

series "RV" Without support

| TYPE | Kw | R.P.M. | shaft mm | value | Ø impeller mm | material | weight Kg |
|------------|------|--------|----------|-------|---------------|----------|-----------|
| RV-0850-20 | 0,18 | 193 | 850 | 1:7,5 | 200 | AISI 316 | 10 |
| RV-0850-30 | 0,25 | 291 | 850 | 1:5 | 200 | AISI 316 | 11 |
| RV-1000-05 | 0,25 | 49 | 1000 | 1:30 | 600 | AISI 316 | 11,5 |
| RV-1000-20 | 0,18 | 193 | 1000 | 1:7,5 | 200 | AISI 316 | 10,5 |
| RV-1000-30 | 0,25 | 291 | 1000 | 1:5 | 200 | AISI 316 | 11,5 |
| RV-1200-05 | 0,25 | 49 | 1200 | 1:30 | 600 | AISI 316 | 12 |
| RV-1200-20 | 0,18 | 193 | 1200 | 1:7,5 | 200 | AISI 316 | 11 |
| RV-1200-30 | 0,25 | 291 | 1200 | 1:5 | 200 | AISI 316 | 12 |



series "RV" With support

| TYPE | Kw | R.P.M. | shaft mm | value | Ø impeller mm | material | weight Kg |
|---------------|------|--------|----------|-------|---------------|----------|-----------|
| RV-12 S-35-05 | 0,25 | 49 | 1200 | 1:30 | 600 | AISI 316 | 10 |
| RV-12 S-35-20 | 0,18 | 193 | 1200 | 1:7,5 | 200 | AISI 316 | 11 |
| RV-12 S-35-30 | 0,25 | 291 | 1200 | 1:5 | 200 | AISI 316 | 11 |
| RV-15 S-90-05 | 0,25 | 49 | 1500 | 1:30 | 600 | AISI 316 | 10,5 |
| RV-15 S-90-20 | 0,18 | 193 | 1500 | 1:7,5 | 200 | AISI 316 | 11,5 |
| RV-15 S-90-30 | 0,25 | 291 | 1500 | 1:5 | 200 | AISI 316 | 12 |

As an optional, the series RV agitators equipped with support can be supplied with a height equal to 1800 mm and 2000 mm.

IN INOX AND PP WITH GEAR DRIVE - series "FR"

Fixed mixer without stand for installation above open or partially-covered vessels.
2- or 3-stage reduction gearbox for slower rotation speeds. For a very slow mixing of fluids (e.g.: non foaming fluids). It is utilized for very small drums.

| TYPE | HP | R.P.M. | voltage | shaft mm | Ø impeller | shaft and impeller | weight Kg |
|--------------|------|--------|----------------------|----------|------------|--------------------|-----------|
| FR-1000-12 | 0,09 | 118 | 220 S.ph. 220/380 | 1.000 | 160 | INOX AISI 316 | 8,5 |
| FR-1200-12 | 0,09 | 118 | 220 S.ph. 220/380 | 1.200 | 200 | INOX AISI 316 | 9 |
| FR-1000-86 | 0,09 | 86 | 220 S.ph. 220/380 | 1.000 | 200 | INOX AISI 316 | 8,5 |
| FR-1200-86 | 0,09 | 86 | 220 S.ph. 220/380 | 1.200 | 200 | INOX AISI 316 | 9 |
| FR-1000-35 | 0,09 | 35 | 220/380 | 1.000 | 600 | INOX AISI 316 | 8,5 |
| FR-1200-35 | 0,09 | 35 | 220/380 | 1.200 | 600 | INOX AISI 316 | 9 |
| FR-1000-12PP | 0,09 | 118 | 220 S.ph. 220/380 | 1.000 | 160 | PP | 8,5 |
| FR-1200-12PP | 0,09 | 118 | 220 S.ph. 220/380 | 1.200 | 160 | PP | 9 |

PVDF



PP



AISI 316

