

TurboRex® Two-Hand Mixers

Type DRH with rotary current gear / type DRHL with pneumatic gear

The TurboRex® Hand Mixer

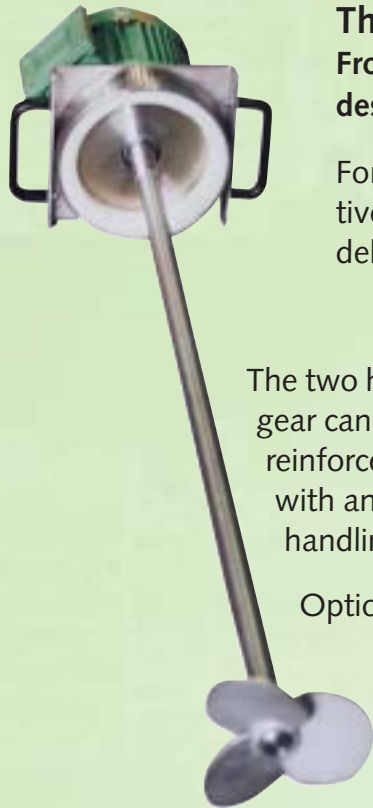
From the series DRH and DRHL are all purpose mixers which are designable to be fitted for special mixing dispersing applications.

For the gear there are the rotary current gear and pneumatic gear alternatives. Depending on the field of application, the rotary current gear can be delivered in Ex- or Exd-Design.

The two handles on the sides enable an easy operation. The mantle of the rotary current gear can be equipped with an on/off switch with a CEE-plug. All gears are fitted with a reinforced and encased bearings. For heavy industrial usage, all mixers can be equipped with an additional bearing. Thus, the mixer shaft is protected from damages in rough handling and the shaft length can be extended to 1000 mm in total.

Optionally we offer an integrated 300 mm protection bushing for the shaft.

In order to meet any kind of mixing demands, there are different kinds of mixing elements.



ROTARY CURRENT

	DRH-10	DRH-20	DRH-30	DRH-40	DRH-50
KW	0,37	0,55	0,75	1,1	1,5
R/min	1500	1500	1500	1500	1500
Protection	IP 54	IP 54	IP 54	IP 54	IP 54
Voltage (V)	230/380	230/380	230/380	230/380	230/380
Frequency (Hz)	50	50	50	50	50
Shaft-Ø (mm)	20	20	20	25	30
Shaft length (mm)	650	650	650	650	650
Mixing element	PA* 150	PA* 150	PA* 150	PA* 150	PA* 150
Weight (kg)	12	15,2	18,5	21,3	26,1

Subject to technical changes

*PA = Propeller with outer ring

The standard paint of all mixers is RAL 6011, Reseda green.

Components that get in contact with the product are made of stainless steel 1,4301, at request it can be customized as 1,4571. Other coatings are possible as well.



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TurboRex® – DRHL

Two-Hand Mixer with pneumatic gear

All pneumatic motors used are special gears for mixing. The free movable blades are adjusted automatically in case of wear out.

The inlet and outlet air supply is via a screw thread connection based on inch at the housing of the gear. Optionally, a locking screw can be integrated to enable a continuous control of the speed. For the exhaust air damping there are various sound absorbers available.

PNEUMATIC

	DRHL-09	DRHL-10	DRHL-20	DRHL-30
KW	0,27	0,42	0,58	0,68
R/min	1000	2000	3000	4000
Air consumption (L/h)	500	630	730	830
Shaft (mm)	20	20	25	25
Shaft length (mm)	650	650	650	650
Weight (kg)	8	10,1	13	15,2

Other dimensions at request. Subject to technical changes.

TurboRex® – DRHPL

Single-Hand Mixer with pneumatic gun mixer

The TurboRex® DRHPL is equipped with a robust industrial pneumatic gun motor with a planetary gear. The mixing shaft is connected directly to the shaft.

With a switch, the model DRHPL-10 can be switched to left or right revolving. The pressure meter at the handle of the gun enables a continuous regulation of the speed. For both models, a second handle option is possible.

PNEUMATIC

	DRHPL-10	DRHPL-20
KW	0,33	0,44
R/min	1800	500
Air consumption (L/h)	480	462
Max. operation pressure(bar)	6,3	6,3
Shaft (mm)	20	20
Shaft length (mm)	650	850
Mixing element	KP125	PA* 150
Weight (kg)	6	9,8

* PA = Propeller with outer ring



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