

STANDARD Benchtop

BETEX 38 ESD - heating cap. 150 kg

AREAS OF APPLICATION:

- Chemical industry
- Steel industry
- Paper industry
- Gearbox manufacturers
- Machine construction
- Transport sector
- MRO/OEM sector



Medium size benchtop type with swivel arm for use in the workshop.

- Min. ID Ø: 30 mm
- Max. OD Ø: 500 mm
- Max. width: 200 mm
- Automatic demagnetisation
- Automatic power reduction.
- Yokes: set of 2 or 3 sizes

- Max. bearing weight: 150 kg
- Max. weight other parts: 75 kg

Optional:

- Adaptor yokes
- Max. OD Ø: 720 mm

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TURBO Benchtop

BETEX 40 RSD / 40 RSDm **TURBO** - heating cap. 350 kg

AREAS OF APPLICATION:

- Chemical industry
- Steel industry
- Paper industry
- Gearbox manufacturers
- Machine construction
- Transport sector
- MRO/OEM sector

Medium size benchtop type with swivel arm for use in the workshop.

- Min. ID Ø: 30/160 mm
- Max. OD Ø: 790 mm
- Max. width: 315 mm
- Automatic demagnetisation
- Automatic power reduction.
- Yokes: selection of 5 sizes

- Max. bearing weight: 350 kg
- Max. weight other parts: 250 kg

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✓ High output, energy efficient!

Mobile version 40 RSDm **TURBO**



The TURBO effect only works when the component is in a horizontal position

STANDARD or TURBO?

TURBO models offer low energy consumption combined with high output as an added advantage.
The maximum TURBO effect is achieved with heating in the horizontal position!

Comparison of heating times, Standard and TURBO induction heaters						
Heating in horizontal position, to 110°C, in minutes						
Bearing no. 22322	22332	23148	22348	175296	gearwheel	
Weight kg	18 kg	50 kg	65,5 kg	147 kg	220 kg	300 kg
Bore/OD mm	110/240	160/340	240/400	220/500	350/580	210/600
ELD 3.6 kVA 230V.	30.00	--	--	--	--	--
24 RLDi TURBO 3.6 kVA, 230V	03.47	23.00	--	--	--	--
22 ESDi 3.6 kVA, 230V	07.45	27.20	49.00	--	--	--
24 RSDi TURBO 3.6 kVA, 230V	--	06.03	19.20	47.00	--	--
38 ESD 8 kVA, 400V	02.58	07.10	11.50	31.20	--	--
40 RSD TURBO 8 kVA, 400V	--	02.00	03.58	07.10	26.50	15.00
38 ZFD 12 kVA, 400V	--	10.40	10.38	22.15	39.50	48.45
40 RMD TURBO 12 kVA, 400V	--	--	01.45	02.35	08.40	06.35

Heating times are subject to the relationship between:

- Minimum bore and maximum outside diameter, width, weight
- Required temperature and material type
- Available power



All heaters are supplied with:

- Instruction manual
- Heat resistant gloves 150°C
- Magnetic temperature probe (240°C)
- Vaseline for maintenance

Optional:

- Trolley
- Adapter yokes
- Heat resistant gloves 300°C
- Magnetic temperature probe (350°C (higher on request))

TECHNICAL DETAILS - Workshop models

Type BETEX	22 ESDi	24 RSDi TURBO	38 ESD	40 RSD and RSDm (mobile) TURBO
Facility power: standard	3.6 kVA	3.6 kVA	8 kVA	8 kVA
Voltage/Amp*: standard	230V/16A	230V/16A	2 ~ 400V/20A	2 ~ 400V/20A
Voltage/Amp*: optional	120V/15A	120V/15A	2 ~ 500V/16A	2 ~ 500V/16A
Voltage/Amp*: optional			2 ~ 600V/14A	2 ~ 600V/14A
Frequency Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Yokes, standard mm / set 1	14,30,60	14,30,60	30,70	optional
Yokes, standard mm / set 2	10,14,20,30,60	10,14,20,30,60	20,30,70	20,30,40,60,80
Swivel arm	yes	yes	yes	yes
Max. weight ± kg				
- bearings	65	150	150	350
- other drive components	30	80	75	250
Min. ID Ø: mm: vertical/horizontal	15/Ø100	15/Ø120	30/Ø110	30/Ø160
Max. OD Ø: mm	*A 380/580 *1	520	500/720 *1	790
Max. width, mm	*B 150	130	200	315
Max. width at	*C 125	230	180	280
horizontal heating, mm				
Cross section poles mm	*D 60	Ø120	70	Ø160
Pole height mm	140	230	210	320
Temperature control in °C or °F				
- max reach*	240°C	240°C*2	240°C*2	240°C*2
- magnetic probe	yes	yes	yes	yes
- digital display	yes	yes	yes	yes
Time control				
- max reach	0-45 min.	0-45 min.	0-60 min.	0-60 min.
- digital display	yes	yes	yes	yes
Sound signal	yes	yes	yes	yes
Error code	yes	yes	yes	yes
Temperature hold	yes	yes	yes	yes
Automatic power reduction	-	yes	yes	yes
Automatic demagnetization, <2A/cm	yes	yes	yes	yes
Thermal protection	yes	yes	yes	yes
Support for horizontal heating	yes	yes	yes	yes
Dimensions mm (l x w x h)	340x290x380	440x370x420	630x365x470	1200x640x1000
Weight heater kg	31	37	53	65/105
excl. Yokes				
Electric crane for yokes	-	-	-	-
Alarm signal	-	-	optional	optional
Mobile	-	-	-	yes (40RSDm)



Heating times are subject to the relationship between:

- Minimum bore and maximum outside diameter, width, weight
- Required temperature and material type
- Available power

TURBO design: high output, very energy efficient!

