

## MAGRA®-Oil distributor

### Design with flange ballcocks and mechanical tank blocking system.

(pieces) MAGRA oil distributor with mechanical tank blocking system as combined induction and return distributor consisting of: Induction and induction chamber arranged above one another, welded from patented steel plate C sections. Outlet socket, induction and return connections side by side as pipe sockets made of seamless steel pipes with welded flanges according to DIN 2633 PN 16. Ballcocks of SG iron with Teflon seal and PN 16 flanges. Opening and closing of induction and return valves by a single lever. On the tank-filling side, the mechanical tank blocking system, with operating instructions stuck on, ensures that only one tank can be filled at a time. In this way, selection errors are avoided. Distributors are pressure-tested and painted before despatch. The tank and burner connections are labeled with designation plates.

#### Dimensions:

Size of double chamber	Flange sockets	Distance between sockets
85/85 mm	DN 15 + DN 20	200 mm (up to 7 tanks)
85/85 mm	DN 25	200 mm (up to 6 tanks)
85/85 mm	DN 32	250 mm (up to 6 tanks)
120/120 mm	DN 40	250 mm (up to 5 tanks)
120/120 mm	DN 50	250 mm (up to 4 tanks)
200/200 mm	DN 65	300 mm (up to 4 tanks)
200/200 mm	DN 80	350 mm (up to 5 tanks)

#### Technical data:

Size of tank connections .....	DN _____
Size of burner connections .....	DN _____
Number of tanks .....	_____ pcs.
Number of oil burners (connection of feed pump corresponds to one oil burner) .....	_____ pcs.
Max. operating pressure .....	_____ bar
Length of distributor .....	_____ mm
Material:	Wage:

(pieces) **MAGRA wall consoles 85, sound-insulated** for above distributor (up to size 120/120) consisting of: wall panel for screw fastening and snap-action carrying arm. Projection 160 mm or 220 mm up to middle of distributor. Galvanised. Including screws, dowels and washers.

Material: Wage:

(pieces) **MAGRA wall consoles 200, sound-insulated** for above distributor (size 200/200) consisting of: wall panels and sectional steel. Galvanised. Projection of 315 mm up to middle of distributor.

Material: Wage:

### Design with flange gate valves, electrical servomotors and control cabinet for fully automatic tank switching - see overleaf

# Description of products

## MAGRA® -Oil distributor

### Design with flange gate valves, electrical servomotors and control cabinet for fully automatic tank switching

(pieces) MAGRA oil distributor for fully automatic tank switching as combined induction and return distributor consisting of:  
 Induction and induction chamber arranged above one another, welded from patented steel plate C sections.  
 Outlet socket induction and return connection arranged side by side as steel pipe sockets with welded flanges according to DIN 2633 PN 16.  
 On tank filling side, provided with gate valves of cast iron with paracril (type) sleeve and PN 16 counter flange, with pre-fitted servomotors (220 V AC), control rods, connecting terminals and manual adjustment facility. One servomotor is required for each oil tank.  
 The fully automatic tank switching circuit ensures that only one tank can be open at a time.  
 On burner side, provided with ballcocks of cast iron with teflon seal and PN 16 flanges.  
 Opening and closing of induction and return valves by a single lever. Distributors are pressure-tested and painted before despatch. The tank and burner connections are labeled with designation plates.

#### Dimensions:

Size of double chamber	Flange sockets	Distance between sockets
85/85 mm	up to DN 32	200 mm
120/120 mm	DN 40 + DN 50	200 mm
200/200 mm	DN 65	200 mm
200/200 mm	DN 80	250 mm

#### Technical data:

Size of tank connections	DN	_____
Size of burner connections	DN	_____
Number of tanks		_____ pcs.
Number of oil burners (connection of feed pump corresponds to one oil burner)		_____ pcs.
Max. operating pressure		_____ bar
Length of distributor		_____ mm
Material:	Wage:	

(pieces) **MAGRA wall consoles 85, sound-insulated** for above distributor (up to size 120/120) consisting of:  
 wall panel for screw fixture and snap-action carrier arm. Projection 160 mm or 220 mm up to middle of distributor.  
 Galvanised. Including screws, dowels and washers.  
 Material: \_\_\_\_\_ Wage: \_\_\_\_\_

(pieces) **MAGRA wall consoles 200, sound-insulated** for above distributor (size 200/200) consisting of:  
 wall panels and sectional steel. Galvanised. Projection of 315 mm up to middle of distributor.  
 Material: \_\_\_\_\_ Wage: \_\_\_\_\_

(pieces) **Control cabinet for fully automatic tank switching**, suitable for above MAGRA oil distributors.  
 Strong aluminum housing with external mounting brackets, complete with mounting materials. Operating and monitoring lamps installed in cabinet door. Door layout subdivided in accordance with functional groups of instruments. Cable entry from below.  
 Equipment identified by exchangeable, plug-fit plastic plates; including requisite control safeguards and switching equipment. Floating connection, with adjustable time lag relay (2 to 10 min.), for disconnection of burner/pump in the case of a fault. Including connection for external fault message.  
 Wired and tested to VDE directives, ready for connection to marked terminal blocks, including control instruments, probes and provision of circuit diagram.

Colour:	HE shingle grey
Protection type:	IP 52
Operating voltage:	220 V, 50 Hz, 2,5 A.

#### Dimensions:

2 tanks	W = 530,	H = 410,	D = 315 mm	4 tanks	W = 530,	H = 770,	D = 315 mm
3 tanks	W = 770,	H = 410,	D = 315 mm	5 tanks	W = 770,	H = 770,	D = 315 mm

Number of servomotors (tanks) ..... \_\_\_\_\_ pcs.

Material: \_\_\_\_\_ Wage: \_\_\_\_\_