



2-axes wire adjustment device



MU IV with AVC and OSC

Open weld heads

MU IV P / MU IV AVC-OSC

Welding of tube to tube joints

Standard equipment

Open weld head with hosepack 9 m
 Steppless adjustable centering-/ clamping device
 Mechanical side adjustment (electrode) +/- 2,5 mm (MU IV P)
 Simple adaptation to different tube geometries
 Torch tiltable 0° up to 45°
 Button clutch for rotation axis and manual turnable for rapid cable unwind (from MU IV 195)
 Modular design (wire feeder-, AVC-, OSC-unit)
 Mechanical height adjustment (MU IV P)
 2-axes wire adjustment device and wire inliner (MU IV AVC-OSC)
 High duty cycle due to water cooling
 Transport case

Base materials

Steel, Stainless steel, Titanium, Inconel, etc.

Processes

TIG - welding or without filler wire
 Multi-pass-welding with filler wire in combination with arc length control (AVC) and torch oscillation (OSC)

Recommended areas of use

Special for welding of thin-walled and thick-walled tubes/pipes (with outer diameter 8 up to 275 mm)

- Pharmacy/Biochemical industries
- Food industry
- Aerospace/ Aeronautics
- Chemical industry
- Shipbuilding
- Energy/ Boilers
- Power plants

Accessories

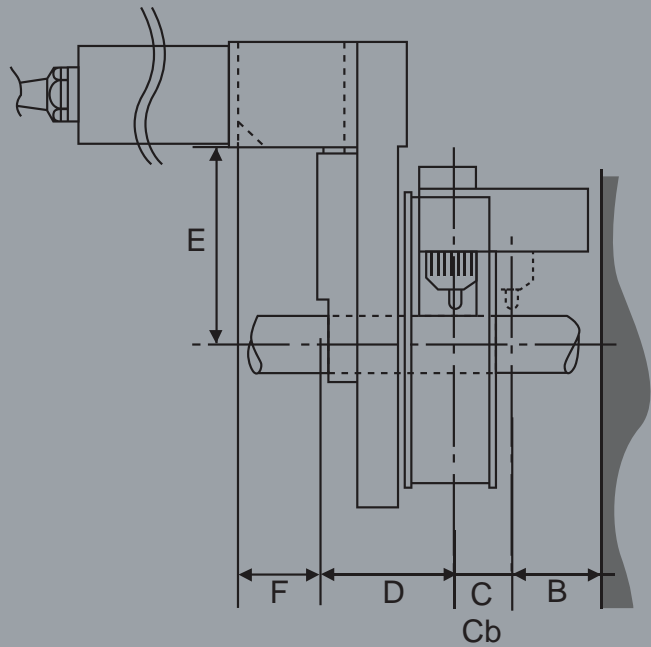
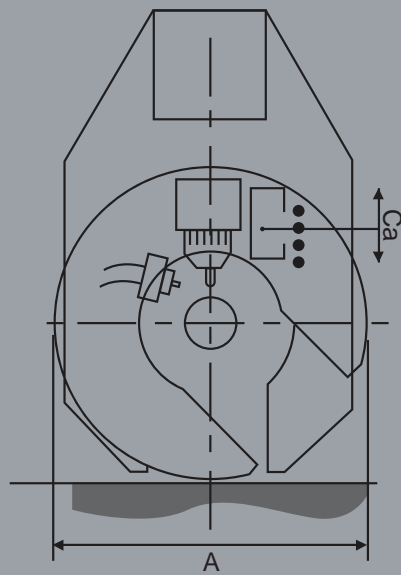
Integrated wire feeder with wire spool 100 mm
 External wire feeder KD 4000 with wire spool 300 mm/20 kg
 Connection line 9 m from KD 4000 to controller
 2-axes wire adjustment device and wire inliner (MU IV P)
 Motorized cross-slide system (AVC- and OSC-slides)
 Hosepack extensions
 Angle gear box for tilting the motor (90°/180°)
 Flange-kit
 Balancer
 Gas drags for purging



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Technical data MU IV P	Pipe outer-diameter	Net weight incl. hosepack	A	B	C	D	E
MU IV 8/28	8 up to 28 mm	9 kg	116	16	5	96	70
MU IV 8/38	8 up to 38 mm	10 kg	126	16	5	96	72
MU IV 19/64	19 up to 64 mm	10 kg	155	16	5	98	93
MU IV 19/80	19 up to 80 mm	11 kg	172	16	5	97	103
MU IV 19/104	19 up to 104 mm	13 kg	204	16	5	90	121,5
MU IV 25/115	25 up to 115 mm	12 kg	215	16	5	101	148
MU IV 25/128	25 up to 128 mm	15 kg	240	16	5	99	173
MU IV 76/195	76 up to 195 mm	16 kg	410	30,5	14	158,5	208
MU IV 101/245	101 up to 245 mm	33 kg	470	30,5	14	174,5	254
MU IV 114/275	114 up to 275 mm	36 kg	500	30,5	14	172,5	276

Technical data MU IV AVC-OSC	Pipe outer-diameter	Net weight incl. hosepack	A	B	Ca Cb	D	E
MU IV 8/38	8 up to 38 mm	13 kg	142	23	20	150	72
MU IV 19/64	19 up to 64 mm	13 kg	184	16	20	136	93
MU IV 19/80	19 up to 80 mm	14 kg	200	16	20	136	103
MU IV 30/104	30 up to 104 mm	18 kg	222	16	20	140	121,5
MU IV 25/115	25 up to 115 mm	14 kg	235	16	20	139	148
MU IV 42/128	42 up to 128 mm	18 kg	340	16	20	134	173
MU IV 76/195	76 up to 195 mm	24 kg	410	16	20	165	208
MU IV 101/245	101 up to 245 mm	34 kg	500	16	20	179	254
MU IV 114/275	114 up to 275 mm	37 kg	530	16	20	179	276



PERFECT WELDING

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