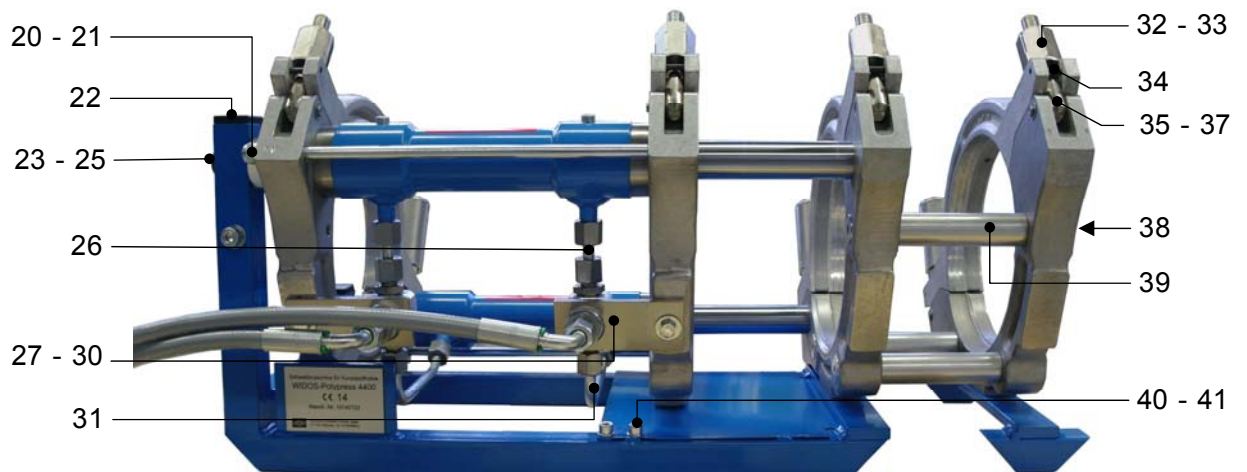
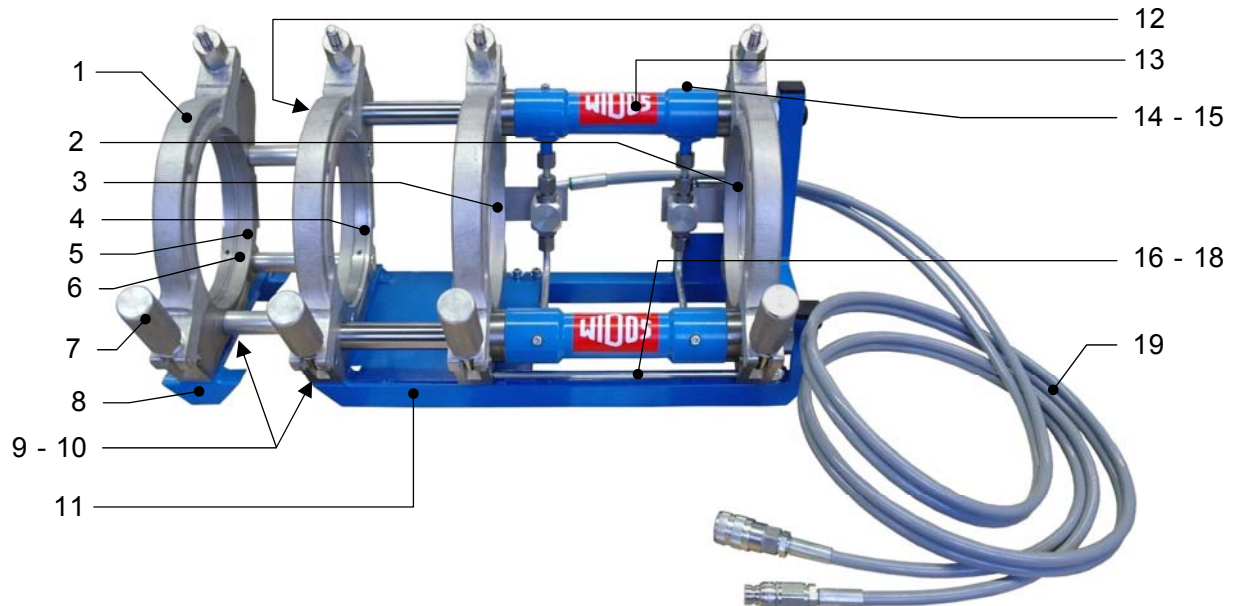


## 10. Spare parts list

### 10.1. Basic machine



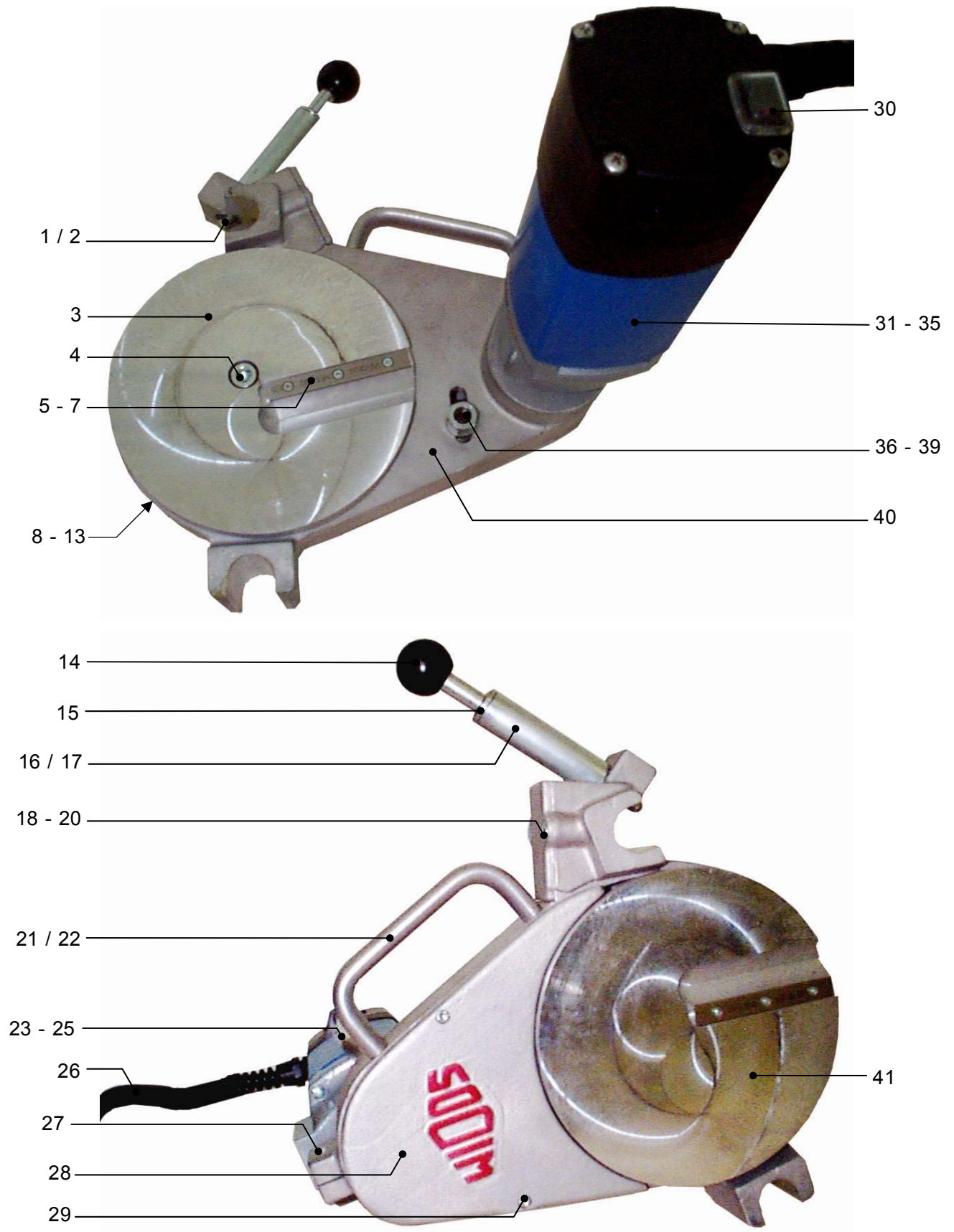
### Basic Machine WIDOS 4400

Pos.	Name	Piece	Order no.
1	Clamping ring upper part	4	160105
2	Outer clamping ring lower part, movable	1	160104
3	Inner clamping ring lower part, movable	1	160103
4	Inner clamping ring lower part, fixed	1	160102
5	Outer clamping ring lower part, fixed	1	160101
6	Thread insert M5	8	GEW-M5
7	Knurled nut	4	161109
8	Support	1	160141
9	Hexagon screw M 6 x 16 DIN 933	3	0933F016
10	Washer M 6 DIN 9021	3	9021F
11	Basic frame	1	160118
12	Flat-head screw M10x20 DIN7991	2	7991J020
13	Hydraulic cylinder	2	162106
	Seal for cylinder	2 set	D162106
14	Pan-head screw M5x8 DIN 912	4	0912E008
15	Ring for sealing 5x9x1	4	D5x9
16	Tension rod	2	160107
17	Hexagon nut M8 DIN 985	2	0985H
18	Washer M8 DIN 125	2	0125H
19	Hose package, consisting of	1	VSCHL4400
	Hose coupling socket, flat packing	1	VMU14
	Hose coupling plug, flat packing	1	VST14
20	End bolt	2	091117
21	Thrust washer	2	091133
22	Protective cap 25x25x2	2	023413
23	Pan-head screw M10x20 DIN 912	2	0912J020
24	Washer M 10 DIN 125	2	0125J
25	Protective cap Ø 20 x 2	2	J0216
26	Hydraulic hose 40mm	2	V094012
27	Filter	2	V092114
28	Holder for filter	2	093119
29	Washer M6 DIN 9021	2	9021F
30	Hexagon-head screw M 6x16 DIN 933	2	0933F016
31	Hydraulic hose 170mm	2	160112
32	Nut	4	160109
33	Thrust washer M 12 DIN 134	8	0134L
34	Spiral pin 4 x 26 DIN 7343	4	7343D026
35	Thread spindle	8	160108
36	Rivet	8	160111
37	Lock washer size 5 DIN 6799	8	6799E
38	Flat-head screw M10x20 DIN7991	6	7991J020
39	Shaft	3	160131
40	Pan-head screw M 6x16 DIN 912	3	0912F061

### Basic Machine WIDOS 4400

Pos.	Name	Piece	Order no.
41	Washer M6 DIN 125	2	0125F
--	Reducer inserts OD 50 - OD 140 mm	1 set	1608...*
--	Reducer inserts large OD 50 - OD 140 mm	1 set	1618...*
--	Reducer inserts super large OD 50 - OD 140 mm	1 set	1628...*
--	Pan-head screw M5x16 DIN 912 (OD 50-125 mm)	8	0912E16X
--	Flat-head screw M5x16 DIN 7991 (OD 140 mm)	8	7991E16X
--	Reducer inserts OD 2" IPS	1 set	1608060
--	Reducer inserts OD 3" IPS	1 set	1608088
--	Reducer inserts OD 4" IPS	1 set	1608114
--	Pan-head screw M5x16 (OD 2" - 3" IPS)	8	0912E16X
--	Flat-head screw M5x16 (OD 4" IPS))	8	7991E16X
--	Hydraulic oil	2 l	HLPD35
--	Tool set WIDOS 4400	1	ZRW4400
--	Tool bag for 10 parts	1	ZRW
--	Socket spanner size 24	1	ZRS24
--	Allan key angle size 3	1	ZIG03
--	Allan key angle size 5	1	ZIG05
--	Allan key angle size 6	1	ZIG06
--	Allan key with T-grip size 3	1	ZIT03
--	Allan key with T-grip size 4	1	ZIT04
--	Torx screw driver T10	1	ZT10
	*) For ordering necessarily give the dimensions !		

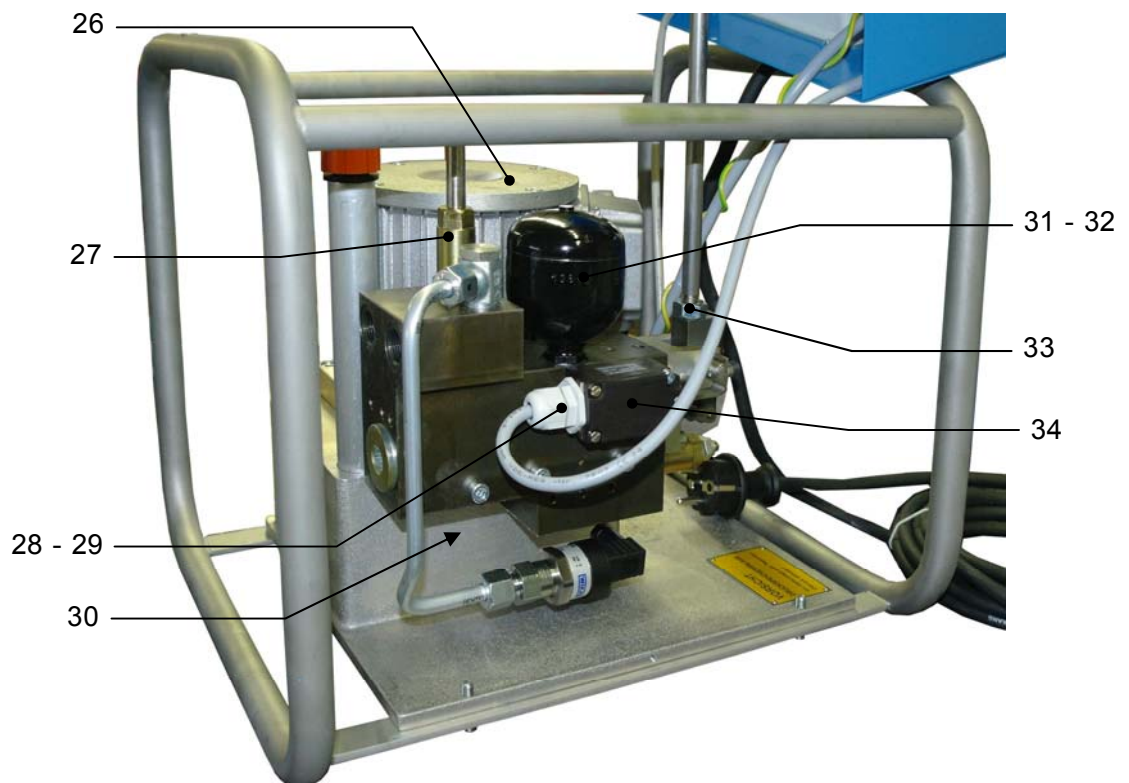
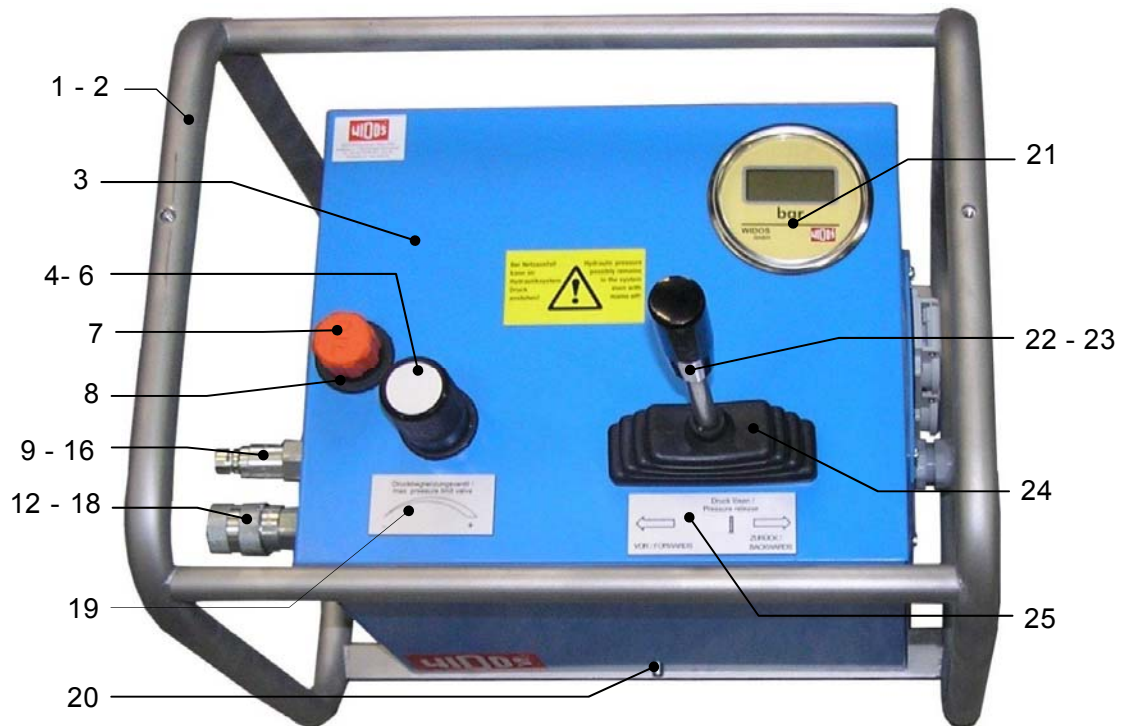
## 10.2. Planer

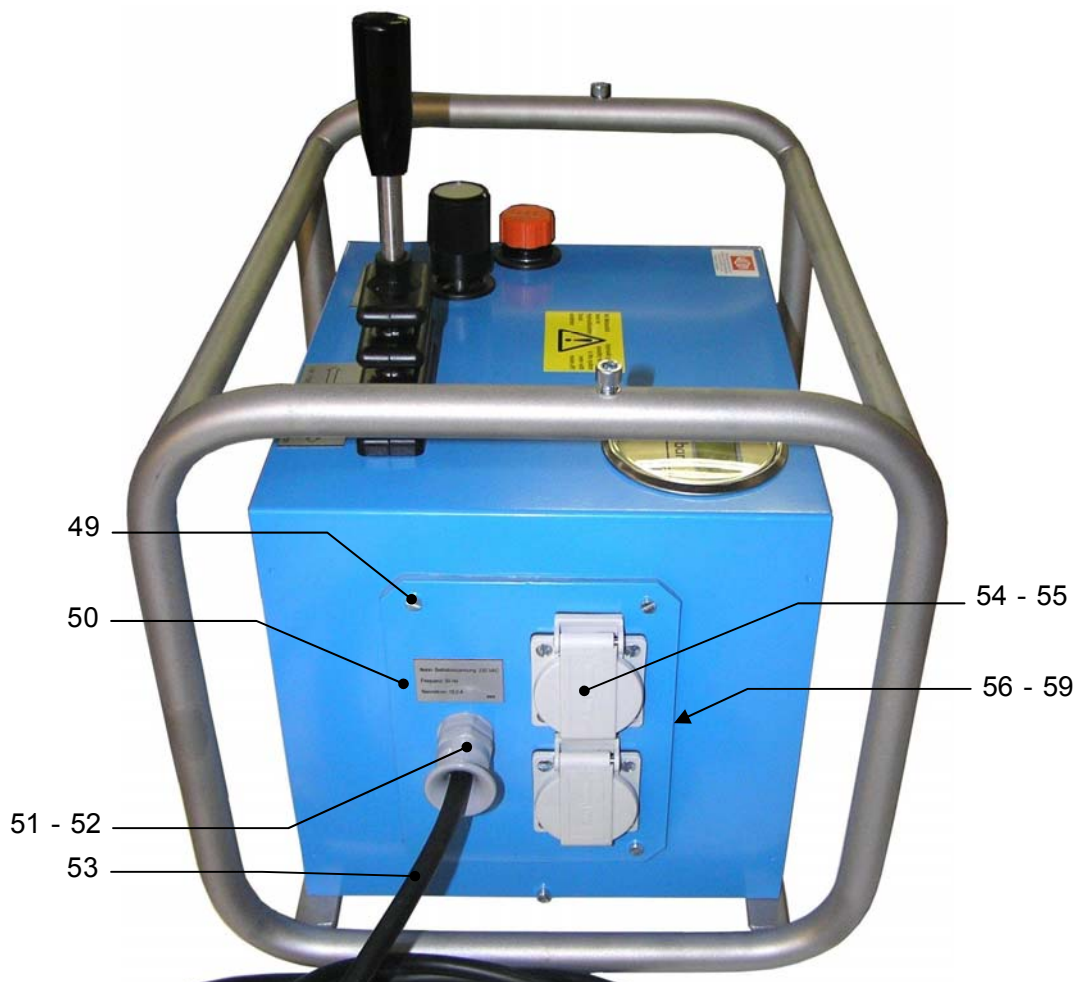
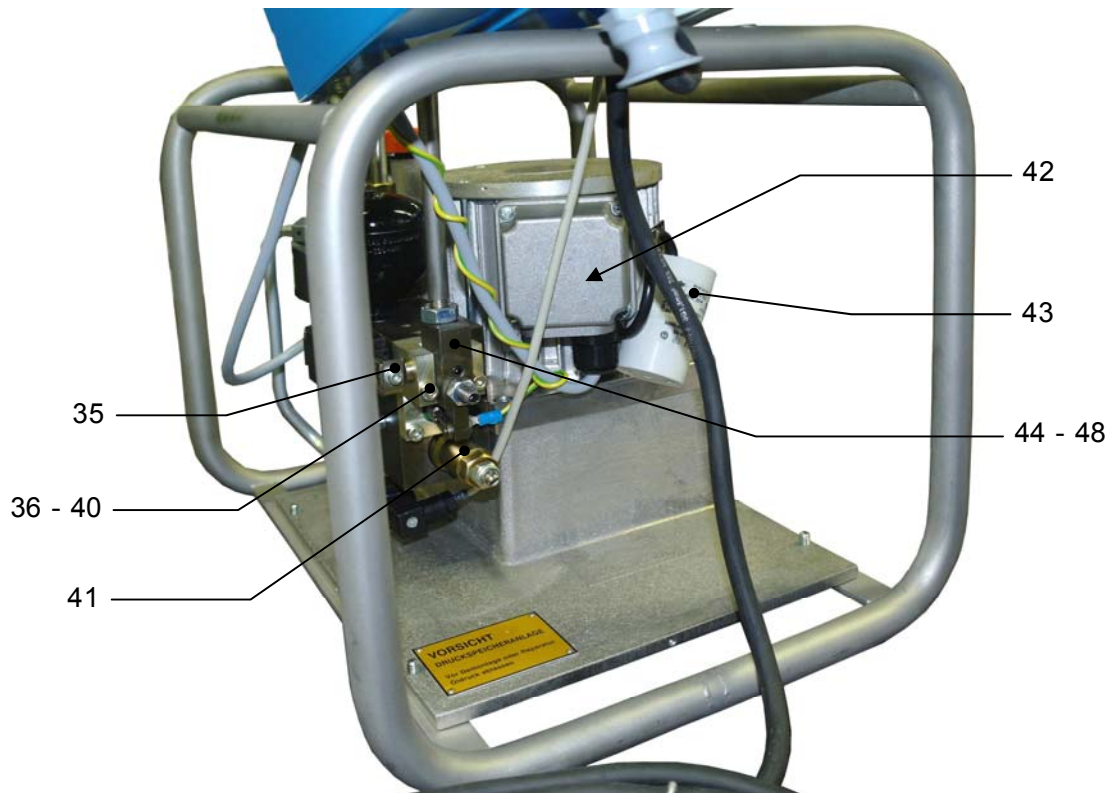


## Planer WIDOS 4400

<i>Pos.</i>	<i>Name</i>	<i>Piece</i>	<i>Order no.</i>
1	Locking bolt	1	091422
2	Straight grooved pin 4x16 DIN 1473	1	1473D016
3	Planer disc, right-hand	1	160402
4	Pan head screw M 10x25 DIN 912	1	0912J025
5	Blade	2	MES085
6	Flat head screw M 3x8 DIN 965	6	0965C008TX
7	Spacer for blade	2	MU085
8	Ball bearing	1	L6207-2Z
9	Small chain wheel (11 teeth)	1	K38011
10	Large chain wheel (48 teeth) 3/8"	1	K38048
11	Chain 3/8" (67 links)	1	K38067
12	Chain joint 3/8"	1	KSCH38
13	Flat head screw M 6x12 DIN 7991	4	7991F012
14	Ball button C32 M 8 DIN 319	1	0319-C32
15	Lock nut	1	091423
16	Pressure spring C 1,5x15,5	1	on request
17	Bush	1	091421
18	Limit switch, complete	1	ES0102
19	Cover for limit switch	1	160430
20	Flat head screw M 5x12 DIN 7991	2	7991E012
21	Bow grip	1	BG56520
22	Pan head screw M 6x16 DIN 912	2	0912F016
23	Cover tube	1	160431
24	Underground line 1x1,5mm <sup>2</sup>	1	EL3015GG
25	Headless pin M 4x5 DIN 913	1	0913D005
26	Connecting cable	1	EK3230
27	Pan head screw M 8x16 DIN 912	1	0912H016
28	Cover	1	160404
29	Pan head screw M 4x12 DIN 912	2	0912D012
30	Motor switch	1	ESMBF13
31	Driving motor	1	AMBF13
32	Collector carbon	1 set	on request
33	End sleeve for strands with ring M 4	6	EA05425
34	Toothed locked washer A 4,3 DIN 6797	1	6797D
35	Raised countersunk head screw M 4x6 DIN 7985	1	7985D006
36	Ball bearing	2	L6000Z
37	Sheet metal screw M 4,8x8 DIN 7981	4	7981E080
38	Washer M 10 DIN 125	3	0125J
39	Hexagon nut M 10 DIN 934	1	0934J
40	Holder for planer	1	160401
41	Planer disc, left-hand	1	160403

### 10.3. Hydraulic aggregate





## Hydraulic Aggregate WIDOS 4400

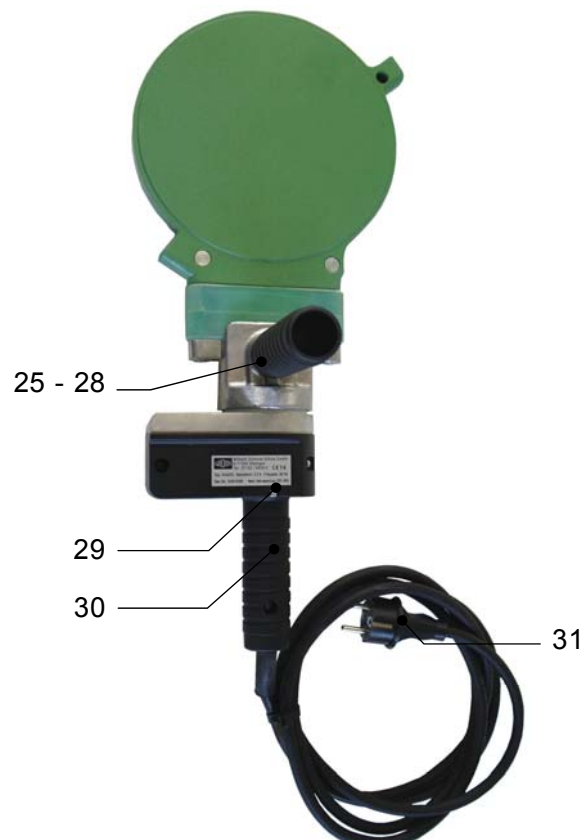
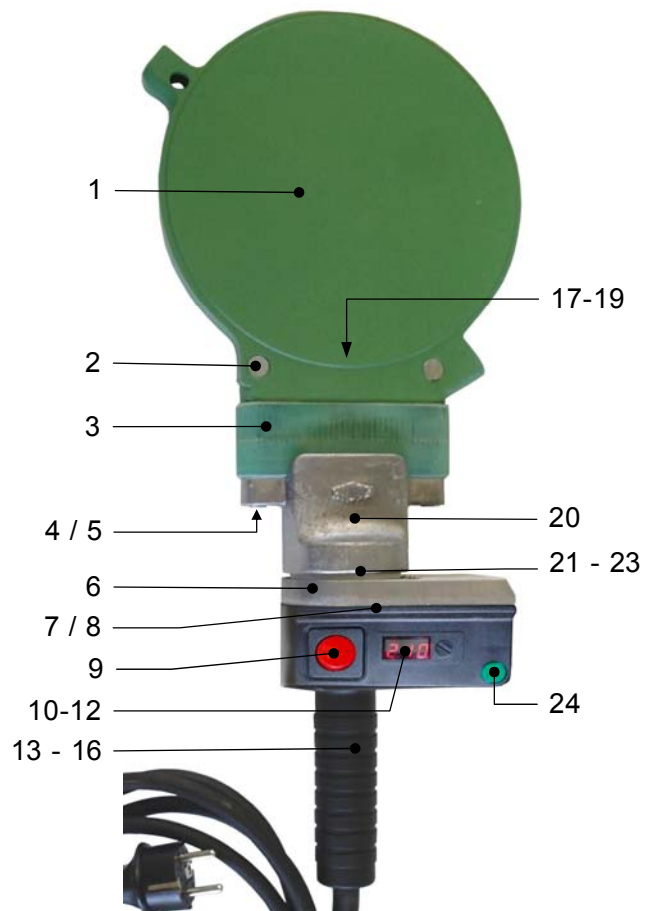
Pos.	Name	Piece	Order no.
1	Protective mounting	1	101042
2	Pan-head screw M6x16 DIN 912	4	0912F016
3	Cover	1	1010021
4	Control knob for pressure setting	1	101022
5	Bush	1	101047
6	Set screw	1	101050
7	Oil dipstick	1	101021
8	Diaphragm grommet DGM32	2	on request
9	Coupling plug, flat packing	1	VST14
10	Synthetic cap for VMST14	1	VKS14
11	Ring for sealing 16x22.7x1.5	1	D16x22,7
12	Screwed connection	2	101024
13	O-ring 19x1,5	2	D18x1,5
14	Sinter-filter 15x8 41180	2	101045
15	O-ring 19x1,5	2	D11x2
16	O-ring 19x1,5	2	on request
17	Coupling box, flat packing	1	VMU14
18	Synthetic cap for VMU14	1	VKM14
19	Plate "Pressure values"	1	SCHM4600
20	Pan-head screw M4x12 DIN 912	4	0912D012
21	Pressure gauge	1	101008D
22	Valve lever	1	101013
23	Cylinder knob M10	1	101033
24	Bellows	1	101035
25	Plate "Release pressure"	1	SCHD-L
26	Motor	1	A10230
27	Reliev valve	1	101052
28	Reduction M 20x1,5 up to M 16x1,5	1	EV142016
29	Screwed connection M 16x1,5	1	EV1016
30	Pump 1.0 l	1	103103
31	Accumulator	1	101006
32	Ring for sealing 14x18,7x1,5	1	on request
33	Hexagon nut M10 DIN 934	1	0934J
34	Pressure switch	1	ESEK103
35	Pan-head screw M6x45 DIN 912	3	0912F060
36	Pan-head screw M 4x10 DIN 912	1	0912D010
37	Washer M4 DIN 125	1	0125D
38	Circlip M 4	1	on request
39	Angle	1	101020
40	Pan-head screw M4x25 DIN 84	2	0084D025
41	Pressure relief valve DBV 08, 100 bar	1	101053
42	Universal RC - link	1	EE0104
43	Capacitor 12,5 µF	1	EK12220
44	Lever block	1	on request
45	Grub screw M 6x8 DIN 913	2	0913F008
46	Hexagon nut M6 DIN 934	3	0934F



**Hydraulic Aggregate WIDOS 4400**

Pos.	Name	Piece	Order no.
47	Set screw	1	on request
48	Plug-in element P83-1/2"x3/16"	1	101043
49	Pan-head tapping screw 3.5 x 20	4	7971C020
50	Side part	1	1010022
51	Screwed connection PG 13.5	1	EV0113
52	Hexagon nut M 20x1,5 brass	1	on request
53	Connection cable with plug	1	EK32220
54	Socket	2	EST0701
55	Flat-head screw M 4x8 DIN 964	8	0964D008
56	Seal, outside	1	1010023
57	Distributor box	1	EI-DOSE
58	Seal, inside	1	1010024
59	Pan-head screw M4x10 DIN 912	4	0084D010
--	Hydraulic oil HLPD 32	1 l	HLPD35

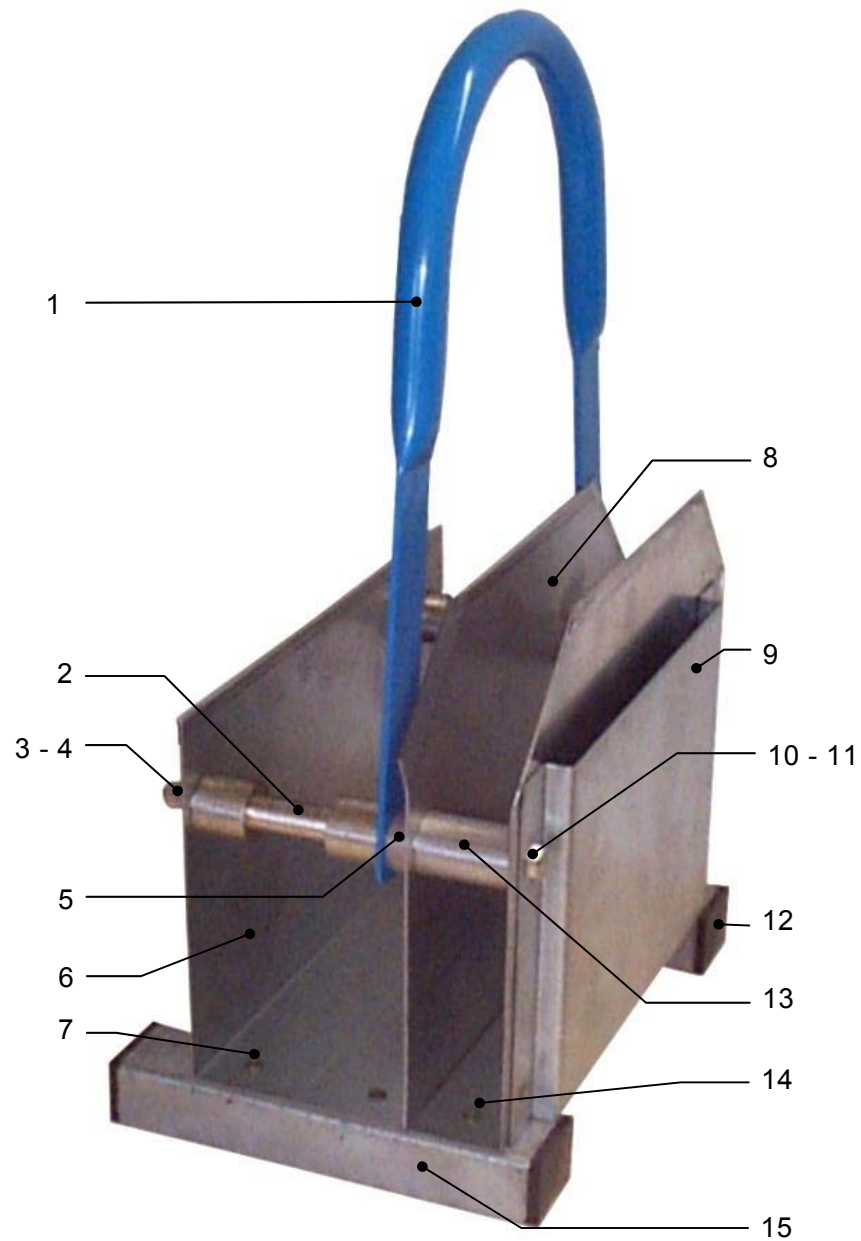
### 10.4. Heating element



## Heating Element WIDOS 4400

<i>Pos.</i>	<i>Name</i>	<i>Piece</i>	<i>Order-no.</i>
1	Heating element	1	H4400E
	Heating plate HG 205 E 230 V	1	HP4400E
	Heating plate in exchange	1	HPT4400
2	Tapped bushing	2	HGEW-M6
3	Thermal insulating board	2	H0902
4	Pan-head screw M6x75 DIN 912	2	0912F075
5	Spring washer M6 DIN 128	2	0128F
6	Triac for EZ4 with heat sink	1	H09081
7	Tooth lock washer outside M 4 DIN 6797	2	6797D
8	Oval-head screw M 4x8 DIN 7985 vz	2	7985D008
9	Switch on / off	1	H0903
10	Heating element control digital GD4	1	H0908230D
11	Window colored	1	H09071
12	Knob with slot	1	H09075D
13	Housing for grip	1	H0907
14	Pan-head tapping screw M 2,9x13 DIN 7981	2	7981B013
15	Strain relief	1	H09076
16	Luster terminal	1	EA1008
17	Sensor PT 1000	1	H09082
18	Tooth lock washer outside M 4 DIN 6797	2	6797D
19	Oval-head screw M 4x8 DIN 7985 vz	2	7985D008
20	Alu-joining piece	1	H0909
21	Teflon-conical nipple for heating element	1	H09091
22	Cylinder sheet metal screw M 4,2x19 DIN 7981	3	7981E019
23	Conduit	1	160409
24	Control lamp, green	1	H2105
25	Notch cone	1	GEW-M8
26	Grip	1	H0906
27	Cap for heating element grip	1	H09073
28	Hexagon-head screw M 8x16 DIN 933	1	0933H016
29	Pan-head screw M 4x70 DIN 912	3	0912D070
30	Antikink grommet	1	EKT08
31	Connecting cable 230 V	1	EK3220

### 10.5. Protection box



**Protection Box WIDOS 4400 man**

<i>Pos.</i>	<i>Name</i>	<i>Piece</i>	<i>Order-no.</i>
1	Strirrup	1	160537
2	Spacing bolt for planer	2	160534
3	Hexagon domed cap nut M8 DIN 1587	2	1587H
4	Washer M8 DIN 125	2	0125H
5	Spacing disc for stirrup	2	160536
6	Insertion for planer	1	160532
7	Blind rivet 4x10 DIN 7337	8	7337D010
8	Insertion for heating element	1	160533
9	Heat absorbing steel sheet	1	160538
10	Hexagon-head screw M8x150 DIN 933	2	0933H150
11	Washer M8 DIN 125	2	0125H
12	Fitting cap for rectangular tube, 40x30x2	4	J0203
13	Spacing bolt for heating element	2	160535
14	Blind rivet 4x10 DIN 7337	2	7337D010
15	Foot-mounting	2	160531