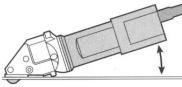
# **Operating instructions**



The shear must always be guided flat and the best cutting result is achieved, when the jaws pos. 10 are positioned flat on top of the material, also when cutting circular cuts.

### The material to be cut must always be free of oil or grease.

Always place the machine flat on the workpiece.

**Cut-outs:** Drill a starting hole with a 12-14 mm diameter drill.

Circular cuts: Always cut counter clockwise and from left to right.

# **Care and Maintenance**



Before working on machine disconnect from power supply by removing plug from socket.

Always keep the machine and the ventilation slots clean.

Oil the knife pin 18 at regular intervals.

If the machine should happen to fail despite the care taken in manufacture and testing, repair should be carried out by an authorised customer services agent for Dräco power tools.

# Declaration of conformity

We declare under our sole responsibility that this product is in conformity with the following standards.

EG 98/37 EG, EG 73/ 23 EG, EG 89/336 EG, or standardisation documents EN 292 part I, EN 292 part II, EN 50 144, EN 55 014, EN 60 555, HD 400, HD 400.3 part II/H

CE 09 Susanne Draenert drouenerte.

### Warning! Important instructions for connecting a new 3-pin plug to the 2 wire cable. The wires in the cable are coloured according to the following code

live = brown To be fitted by qualified professional only **neutral** = blue

Do not connect the blue or brown wire to the earth terminal of the plug.

# Guarantee

Dräco tools carry a guarantee of 12 months from date of delivery.

Damage attributable to normal wear and tear, overload or improper handling will be excluded from the guarantee.

In case of complaint please send the machine, undismantled, to your dealer or the Dräco Service Centre for electric power tools.

### Important

If for any reason the plug is cut off of the cable of this machine, it must de disposed of safely and not left unattended.

## **Environmental protection**



Recycling raw materials instead of waste disposal

Machine, accessories and packaging should be sorted for environment-friendly recycling. These instructions are printed on recycling paper manufactured without chlorine



# Operating Instructions for the universal shear UVS-1

To avoid any disturbance please read the following instructions:

For your safety:



1 Safe operation of this machine is possible only when the operating instructions and the safety precautions are read completely and the instructions contained therein are strictly observed.

**2** The machine must not be used when damp and must not be operated in a wet environment.

**3** Always inspect cable and plug before using machine. Only have damage repaired by a qualified professional. Put the plug into the mains socket only when the machine is switched off.

**4+5** Always wears protective goggles, protective gloves and heavy-duty shoes when working.

**Technical Data:** 

DRÄCO Univers	-	UVS-1	
max. cutting ca	Art.no.	61340-1	
steel	400 N/mm <sup>2</sup>	mm/ga.	1,0/19
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	0,7 / 23
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	0,5 / 25
non ferro	250 N/mm <sup>2</sup>	mm/ga.	1,3 / 18
Sowaflex ®	mm	5,0	
PU, ABS etc., plastics		mm	3,0-5,0
cardboard etc.		mm	6,0
sealing materials	6	mm	6,0
tightest radius plastics		mm/ "	30 / 1¼
tightest radius metal		mm/ "	50 / 2
strokes		min <sup>-1</sup>	3000
motor capacity		Watts	200
weight		kg	1,6





- Do not carry the machine by the cable. • Always remove the plug from the power supply socket before carrying out any work on the
- machine, when interrupting work and when not using the machine.
- Always place the cable to the rear away from the machine.
- Apply the machine to the sheet metal only when switched on.
- Always provide for secure footing when working.
  - Firmly clamp the workpiece if it dose not remain stationary from its own weight.
- The knife should not rub on the jaws: Possible danger of cutting tool breakage.

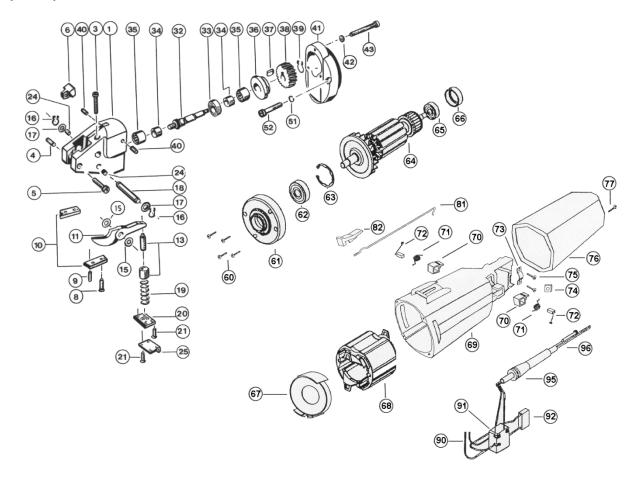
• Do not exceed the maximum allowable material thickness especially when cutting over doublers. folded joints or welded seams.

# For further notes on safety refer to enclosed sheet



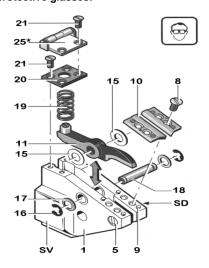
UVS-1		-
spare parts		
knife UVS standard		07014
knife UVS serrated		07016
set of jaws		13574/1
knife-pin set		12555
optional accessories		-
metal-box	-	18000
adjustable guide S/01	up to 100 mm	10059
adjustable guide S/01	up to 250 mm	10060
adjustable guide S/01	up to 500 mm	10061
support roller		10076
adjustable guide S/02	up to 100 mm	20062
adjustable guide S/02	up to 250 mm	20063
adjustable guide S/02	up to 500 mm	20064

IS. 19-7-2021



# **Replacing/Adjusting the Knife**

Before working on machine disconnect from power supply by removing plug from socket. Wear protective glasses!



#### **Replacing the Knife**

Clamp the machine in a vice on the clamping surfaces  ${\bf SV}$ between aluminium protective jaws.

Before working on machine disconnect from power supply by removing plug from socket. Ware protective glasses!

Loosen the screws 21. Remove the support roller 25 (option). Unscrew the screws **21** and remove the spring plate **20**. Remove the spring **19**. Remove the Circlip ring **16** and washer **17**. Push back the knife pin 18.

## Do not interchange the spacers 18: the wrong spacing could ruin the jaws and knife.

Insert a new knife 11 with the old spacers 15. Insert the knife pin 18. Mount the washer 17 and the Circlip ring 16. Insert the spring 19. Reassemble spring plate 20 and support roller 25.

#### Replacing the Jaws

Loosen the screws 8 and remove the jaws **10**. Press out the positioning pins 9. Mount new jaws and positioning pins. Tighten the screws 8.

#### Adjusting the knife Clearance

For clearance between knife and jaws that is too large, loosen the fillister head screw 5. Adjust the clearance with the set screw 4. Retighten the fillister head screw 5.

The knife must not rub on the jaws: Danger of breakage. Note: If heavy burring is produced while cutting, repeat the adjustment.

#### Sharpening the knife/Jaws

The knife and the jaws must be sharpened and adjusted at the same time.

This work should be performed by an authorised DRÄCO customer service location. Send in the complete machine for this purpose.

Pos. No.	Order No.	Description	Quantity per Shear	Pos.	Order No.	Description	Quantity per Shear
-		•	-		-	•	
1,3-6,24	BG10961 BG10964	Head casting Shearhead UVS cpl. assembled, without motor	1 1	42 43	81249 81012	Securing washer A 4 Flat fillister head screw M 4 x 20	3 3
				51	81243	Securing washer A 5	2
3	81019	Hex socket screw M 4 x 16	1	52	81181	Hex socket screw M 5 x 20	2
4	81120	Spacing-block set screw M 5 x 10	1	53	01101		1
5	81272	Flat fillister head screw M 4 x 22	1	54			1
6	10810	Spacing-block 7,5	1	53-95			1
8	81270	Flat head screw M 4 x 8	4	60			1
9	81248	Positioning Pin 3x6	4	60 a			1
0	01210		•	61			1
11-14	07014	Knife 1014S standard	1	62			1
	07016	Knife 1014S serrated	•	63	16059	Armature 115V/300W	1
	01010			64	10000		1
10	13574/1	Set of Jaws	1	65			1
			•	66			1
13	12000	Knife adjusting screw M 6 x 17	1	67			1
13-14	12222	Knife adjusting screw M6x17+lockring	1	69			1
14	12100	Knife Lockring M6	1	70			1
15	12400	Spacing shims	1	71			2
16	81275	Circlip	2	72			1
17	81072	Washer A 6,4	2	73			1
16-18	12500	Knife pin 6Ø	1	74			4
15-18	12555	Knife pin set (Pos. 15-18)	1	75			1
19	12200	Spring	1	76			1
20	12300	Spring cover	1	79			1
21	81271	Flat head screw M 3 x 8	4	80			1
24	17900	Knifepin bushing Ø 10 mm	2	83			1
(24)	17911	Knifepin bushing Ø 11 mm	(2)	84			1
25	10076	Support roller in metal (option)	1	85			1
32-39	10080	Drive Shaft cpl. assembled	1	86			1
32	35556	Eccentric drive shaft	1	87			1
33	13555	Ball bearing 6000/28Z	1	88			1
34	10005	Sleeve 7x10x12 IR	2	89			1
35	10300	Needle bearing HK 1010	2	90			6
36	10450	Cap for needle bearing	1	91			2
37	10006	Key 12 x 3 x 2	1	92			2
38	10007	Gear	1	93			2
39	10009	Circlip 7 SP220	1	94			2
41	10010	Gear case	1	95			2
<b>T</b> I	10010		I	ł		Optional assessories	
				-	10059	Adjustable guide S/01 100 mm	
				-	10059	Adjustable guide S/01 100 mm	
				-		Adjustable guide S/01 250 mm	
				4	10061		
					18000	Support roller (metal)	

Specifications are subject to change for improvement without prior notice.

# Max Draenert GmbH & Co.KG Electric - Cordless - Pneumatic Tools - Machines

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# Spareparts for UVS-1