

Pipe grab RG 2500/RG 5000



With many years of proven service behind them, the Pipe Grabs with automatic opening and closing are devices for the safe and efficient handling and laying of pipes of all kinds. The principle of the two available versions is based on extremely simple operation with auto-**Gripper heads**

matic pick-up. After taking up the load, the jaws lock automatically without manual intervention. A latch prevents the load from being accidentally released and contributes to active safety.

Art. No.	Short description	G [kg]	Loading [kg]
282 150	Gripper head RK I / 2,5 t	82,0	2500
282 160	Gripper head RK II / 5,0 t	200,0	5000

Gripper arms

Art. No.	Short description	Pipe outside diameter [mm]	G [kg]	Loading [kg]
282 120	Gripper arm Type 50 (RK I/2,5t)	275 - 640 mm	30,0	2500
282 130	Gripper arm Type 80 (RK I/2,5t)	590 - 960 mm	34,0	2500
282 140	Gripper arm Type 90 (RK II/5,0t)	700 - 1090 mm	42,0	5000
282 100	Gripper arm Type 125 (RK II/5,0t)	1090 - 1390 mm	70,0	5000
282 110	Gripper arm Type 150 (RK II/5,0t)	1300 - 1740 mm	80,0	5000

Function description

The Pipe Grab works on the scissor principle with the weight of the pipe causing it to close. The grab jaws grasp the pipe below the pipe diameter. The Pipe Grabs are equipped with an automatic stepping mechanism. This presupposes:

1. The opened Pipe Grab is lowered onto the middle of the pipe. The Pipe Grab is in its deactivated state.
2. During lifting, an automatic closing mechanism causes the grab to close. The pipe is gripped firmly.
3. The pipe is set down. The Pipe Grab reverts to its deactivated state.
4. After setting down and complete deactivation, a safety latch has to be withdrawn to open the grab. The latch prevents the accidental opening of the Pipe Grab. The automatic closing mechanism now opens the jaws of the Pipe Grab. The Pipe Grab can be lifted.

The technical details on usage, maintenance and care of the Pipe Grab are given in the operating manual. The instructions given there must be precisely observed every time the device is used.

Arm positions Type 50 / Type 80 (RK I/2,5t)

Type 50				Type 80
Pipe outer Ø [mm]	Support position	Arm position	Support position	Pipe outer Ø [mm]
275 - 290	10	D - D	6	590 - 630
300	9	D - D	4	640 - 670
310 - 340	9	C - D	4	680 - 700
350 - 390	7	C - D	2	710 - 740
400	8	C - C		
410 - 440	6	C - C	3	750 - 760
450 - 460	5	C - C	2	770 - 780
470	6	B - C	2	790 - 800
480 - 510	4	B - C	1	810 - 820
520 - 540	4	B - B	1	830 - 850
550 - 560	3	B - B	0	860 - 870
570 - 600	3	A - B	1	880 - 900
		A - B	0	910
610 - 640	3	A - A	0	915 - 960

Arm positions Type 90 (RK II/5,0t)

Pipe outer Ø [mm]	Support position	Arm position
700 - 755	8	G - G
765 - 800	5	G - G
800 - 860	6	F - F
860 - 895	4	E - F
910 - 955	3	D - E
960 - 1000	2	C - D
1000 - 1045	1	B - C
1045 - 1090	0	A - A

Arm positions Type 125 (RK II/5,0t)

Pipe outer Ø	Support position	Arm position
[mm]		
1090 - 1120	8	F - F
1120 - 1105	7	E - F
1175 - 1235	6	D - E
1235 - 1290	4	D - D
1270 - 1330	3	C - D
1350 - 1390	2	B - B

Arm positions Type 150 (RK II/5,0t)

Pipe outer Ø	Support position	Arm position
[mm]		
1300 - 1350	8	F - G
1350 - 1390	8	F - F
1400 - 1440	7	E - F
1440 - 1500	5	E - E
1500 - 1550	4	D - E
1550 - 1590	3	D - D
1590 - 1650	2	C - C
1650 - 1700	1	B - B
1700 - 1740	0	A - A