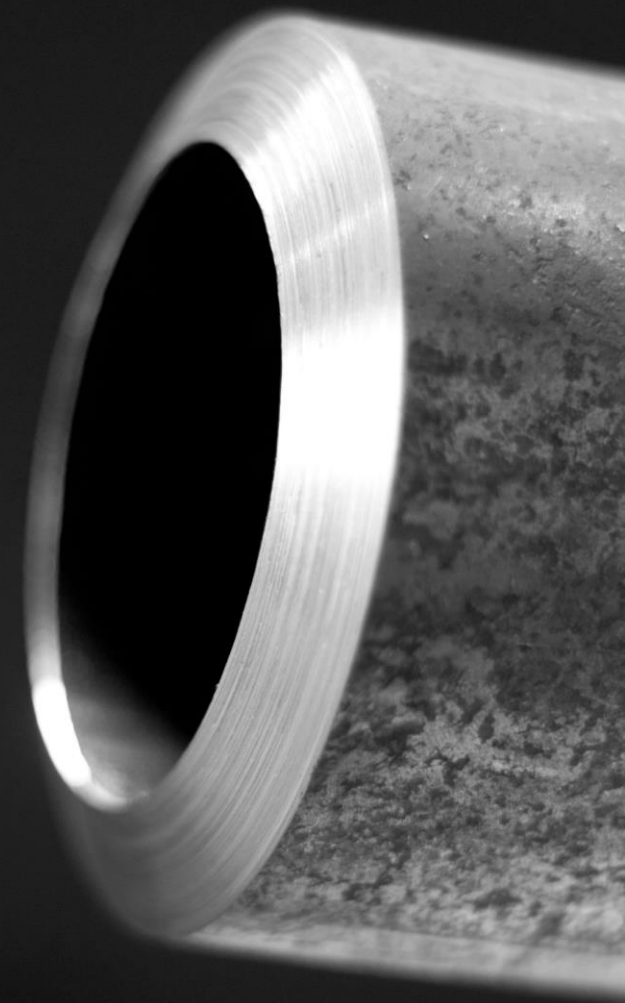


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Beaver S Series

Technical Specifications



solid, sharp and state-of-the-art



Range [NPS (")]	0,25 - 3
Range [mm]	12 - 90
Speed [RPM]	230 - 1370
Max wt (one pass) [mm]	12
Multistep Beveling	No
Power main motor [kW]	3
Total installed power [kW]	3
Clamping type	Clamp shells
Feeding	Manual
Clamping operation	Manual
Pipe stop	Manual
Dimensions full [mm] ca. (l x w x h)	705 x 385 x 655 (1300 with table)
Stroke Z-axis	59
Lubrication pump	No
Air conditioning	Optional
Control	Manual
Tools	Up to 3
ID tracker	Optional chuck (1 tool)
Accuracy	IT 10 - IT 12
Weight [kg]	240
Carbide cutting bits	Yes
Electrical connection	230V / 60 Hz - 400V / 50Hz - 480V / 60Hz
Remote access and service	No



Range [NPS (°)]	0,25 - 3
Range [mm]	12 - 90
Speed [RPM]	70 - 1500
Max wt (one pass) [mm]	12
Multistep Beveling	No
Power main motor [kW]	3
Total installed power [kW]	3.5
Clamping type	Clamp shells
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	900 x 950 x 1300
Stroke Z-axis	59
Lubrication pump	No
Air conditioning	Optional
Control	Fanuc
Tools	Up to 3
ID tracker	Optional chuck (1 tool)
Accuracy	IT 10 - IT 12
Weight [kg]	330
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	0,375 - 6
Range [mm]	17 - 168
Speed [RPM]	130 - 680
Max wt (one pass) [mm]	17
Multistep Beveling	No
Power main motor [kW]	7.5
Total installed power [kW]	7.5
Clamping type	Clamp shells
Feeding	Manual
Clamping operation	Manual
Pipe stop	Manual
Dimensions full [mm] ca. (l x w x h)	1030 x 735 x 1275
Stroke Z-axis	100
Lubrication pump	No
Air conditioning	Optional
Control	Manual
Tools	Up to 4
ID tracker	Optional chuck (1 tool)
Accuracy	IT 10 - IT 12
Weight [kg]	790
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	No



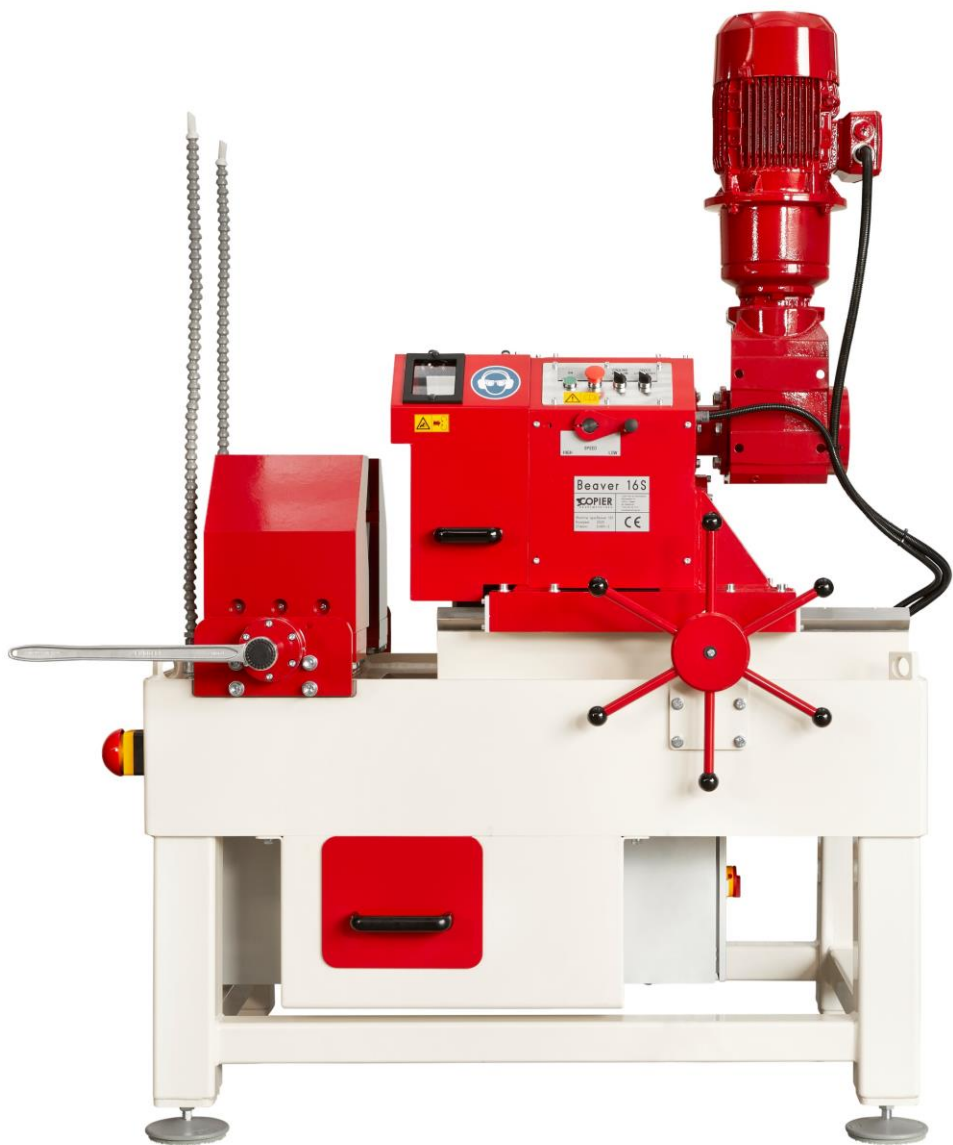
Range [NPS (°)]	0,375 - 6
Range [mm]	17 - 168
Speed [RPM]	130 - 680
Max wt (one pass) [mm]	17
Multistep Beveling	No
Power main motor [kW]	7.5
Total installed power [kW]	8.25
Clamping type	Clamp shells
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	1200 x 1000 x 1275
Stroke Z-axis	100
Lubrication pump	No
Air conditioning	Optional
Control	Fanuc
Tools	Up to 4
ID tracker	Optional chuck (1 tool)
Accuracy	IT 10 - IT 12
Weight [kg]	820
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	1 - 8
Range [mm]	33 - 219
Speed [RPM]	96 / 192
Max wt (one pass) [mm]	25
Multistep Beveling	Yes, with options
Power main motor [kW]	5.9
Total installed power [kW]	5.9
Clamping type	Prism
Feeding	Manual
Clamping operation	Manual, optional Electric
Pipe stop	Not included, optional manual and electric
Dimensions full [mm] ca. (l x w x h)	1450 x 930 x 1970
Stroke Z-axis	225
Lubrication pump	Included
Air conditioning	Optional
Control	Manual
Tools	Up to 4
ID tracker	Optional chuck (1 tool) or 1 module
Accuracy	IT 10 - IT 12
Weight [kg]	1250
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	No



Range [NPS (°)]	1 - 8
Range [mm]	33 - 219
Speed [RPM]	60 - 350
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	13.1
Total installed power [kW]	16.4
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	2850 x 1200 x 1640
Stroke Z-axis	400
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (1 tool) or 1 module
Accuracy	IT 10 - IT 12
Weight [kg]	3100
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



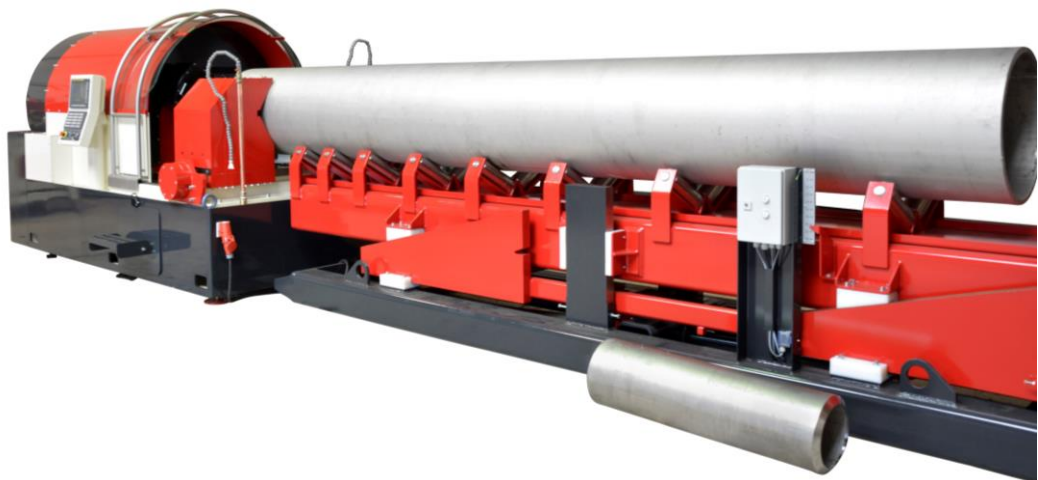
Range [NPS (°)]	2 - 16
Range [mm]	60 - 410
Speed [RPM]	48 / 64 / 96 / 128
Max wt (one pass) [mm]	25
Multistep Beveling	Yes, with options
Power main motor [kW]	5.9
Total installed power [kW]	5.9
Clamping type	Prism
Feeding	Manual
Clamping operation	Manual, optional electric
Pipe stop	Not included, optional manual and electric
Dimensions full [mm] ca. (l x w x h)	1710 x 1100 x 2240
Stroke Z-axis	320
Lubrication pump	Included
Air conditioning	Optional
Control	Manual
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	2400
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	No



Range [NPS (°)]	2 - 16
Range [mm]	60 - 410
Speed [RPM]	35 - 200
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	22
Total installed power [kW]	25.9
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	3270 x 2230 x 1860
Stroke Z-axis	449
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	5600
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	8 - 24
Range [mm]	219 - 610
Speed [RPM]	35 - 175
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	32.5
Total installed power [kW]	36
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	3100 x 2400 x 1900
Stroke Z-axis	375
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	6800
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	8 - 30
Range [mm]	219 - 762
Speed [RPM]	25 - 125
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	38.5
Total installed power [kW]	41.75
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	3070 x 2525 x 1965
Stroke Z-axis	375
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	7900
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	16 - 48
Range [mm]	400 - 1230
Speed [RPM]	16 - 90
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	38.5
Total installed power [kW]	42.25
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	3330 x 3366 x 2355
Stroke Z-axis	400
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	14500
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module



Range [NPS (°)]	24 - 56
Range [mm]	600 - 1450
Speed [RPM]	14 - 70
Max wt (one pass) [mm]	25
Multistep Beveling	Yes
Power main motor [kW]	38.5
Total installed power [kW]	42.25
Clamping type	Prism
Feeding	Electric
Clamping operation	Electric
Pipe stop	Electric
Dimensions full [mm] ca. (l x w x h)	3400 x 3400 x 2550
Stroke Z-axis	375
Lubrication pump	Included
Air conditioning	Optional
Control	Lenze
Tools	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12
Weight [kg]	16000
Carbide cutting bits	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz
Remote access and service	Yes, with IOT/Cloud module

Beaver S Series – Overview for Pipes up to OD 8”

	Beaver 3 S Manual	Beaver 3 S Automatic	Beaver 6 S Manual	Beaver 6 S Automatic	Beaver 8 S Manual	Beaver 8 S Automatic
Range [NPS (")]	0,25 - 3	0,25 - 3	0,375 - 6	0,375 - 6	1 - 8	1 - 8
Range [mm]	12 - 90	12 - 90	17 - 168	17 - 168	33 - 219	33 - 219
Speed [RPM]	230 - 1370	70 - 1500	130 - 680	130 - 680	96 / 192	60 - 350
Max wt (one pass) [mm]	12	12	17	17	25	25
Multistep Beveling	No	No	No	No	Yes, with options	Yes
Power main motor [kW]	3	3	7.5	7.5	5.9	13.1
Total installed power [kW]	3	3.5	7.5	8.25	5.9	16.4
Clamping type	Clamp shells	Clamp shells	Clamp shells	Clamp shells	Prism	Prism
Feeding	Manual	Electric	Manual	Electric	Manual	Electric
Clamping operation	Manual	Electric	Manual	Electric	Manual, optional electric	Electric
Pipe stop	Manual	Electric	Manual	Electric	Not included, optional manual and electric	Electric
Dimensions [mm] ca. (l x w x h)	705 x 385 x 655 (1300 with table)	900 x 950 x 1300	1030 x 735 x 1275	1200 x 1000 x 1275	1450 x 930 x 1970	2850 x 1200 x 1640
Stroke Z-axis	59	59	100	100	225	400
Lubrication pump	No	No	No	No	Included	Included
Air conditioning	Optional	Optional	Optional	Optional	Optional	Optional
Control	-	Fanuc	-	Fanuc	-	Lenze
Tools	Up to 3	Up to 3	Up to 4	Up to 4	Up to 4	Up to 4
ID tracker	Optional chuck (1 tool)	Optional chuck (1 tool)	Optional chuck (1 tool)	Optional chuck (1 tool)	Optional chuck (1 tool) or 1 module	Optional chuck (1 tool) or 1 module
Accuracy	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12
Weight [kg]	240	330	790	820	1250	3100
Carbide cutting bits	Yes	Yes	Yes	Yes	Yes	Yes
Electrical connection	230V / 60 Hz - 400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz
Remote access and service	No	Yes, with IOT/Cloud module	No	Yes, with IOT/Cloud module	No	Yes, with IOT/Cloud module

Beaver S Series – Overview for Pipes up to OD 56”

	Beaver 16 S Manual	Beaver 16 S Automatic	Beaver 24 S Automatic	Beaver 30 S Automatic	Beaver 48 S Automatic	Beaver 56 S Automatic
Range [NPS (")]	2 - 16	2 - 16	8 - 24	8 - 30	16 - 48	24 - 56
Range [mm]	60 - 410	60 - 410	219 - 610	219 - 762	400 - 1230	600 - 1450
Speed [RPM]	48 / 64 / 96 / 128	35 - 200	35 - 175	25 - 125	16 - 90	14 - 70
Max wt (one pass) [mm]	25	25	25	25	25	25
Multistep Beveling	Yes, with options	Yes	Yes	Yes	Yes	Yes
Power main motor [kW]	5.9	22	32.5	38.5	38.5	38.5
Total installed power [kW]	5.9	25.9	36	41.75	42.25	42.25
Clamping type	Prism	Prism	Prism	Prism	Prism	Prism
Feeding	Manual	Electric	Electric	Electric	Electric	Electric
Clamping operation	Manual, optional electric	Electric	Electric	Electric	Electric	Electric
Pipe stop	Not included, optional manual and electric	Electric	Electric	Electric	Electric	Electric
Dimensions [mm] ca. (l x w x h)	1710 x 1100 x 2240	3270 x 2230 x 1860	3100 x 2400 x 1900	3070 x 2525 x 1965	3330 x 3366 x 2355	3400 x 3400 x 2550
Stroke Z-axis	320	449	375	375	400	375
Lubrication pump	Included	Included	Included	Included	Included	Included
Air conditioning	Optional	Optional	Optional	Optional	Optional	Optional
Control	-	Lenze	Lenze	Lenze	Lenze	Lenze
Tools	Up to 4	Up to 4	Up to 4	Up to 4	Up to 4	Up to 4
ID tracker	Optional chuck (2 tools) or max 2 modules	Optional chuck (2 tools) or max 2 modules	Optional chuck (2 tools) or max 2 modules	Optional chuck (2 tools) or max 2 modules	Optional chuck (2 tools) or max 2 modules	Optional chuck (2 tools) or max 2 modules
Accuracy	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12	IT 10 - IT 12
Weight [kg]	2400	5600	6800	7900	14500	16000
Carbide cutting bits	Yes	Yes	Yes	Yes	Yes	Yes
Electrical connection	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz
Remote access and service	No	Yes, with IOT/Cloud module	Yes, with IOT/Cloud module	Yes, with IOT/Cloud module	Yes, with IOT/Cloud module	Yes, with IOT/Cloud module

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