



REEKIE MACHINE (SALES) LTD

INCHINNAN BUSINESS PARK

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Insitu Machining Plant List 2020

Reekie Machining have one of the largest ranges of insitu machines in the world comprising compact machines to fit into very small working envelopes through to very large milling and flange facing machines that have been used to machine diameters up to 15m. This plant list comprises the most commonly used machines only and does not include any of our special machines. Almost all of our machines can be configured to run with different drive options including compressed air (for use in hazardous environments), hydraulics and electric motors. Please contact a Reekie Machining Representative for more information.

Flange Facing Machines

Reekie Machining have numerous Reekie made and other flange facing machines of which only a sample are listed below. Machines from other service types can be used for flange facing such as the milling heads and boring machines with facing head attachments and also the pipe cutting machines with facing slides.

Bore Location Machines

	Min. Diameter (mm)	Max. Diameter (mm)
MM250i/FF20	50 / 127	250 / 457
AX630/MM860i	152/145	762/864
FF5300	145	1,016
FF6300	300	1,524
R28 / R40 / R55 / R60	305 / 483 / 680 / 1016	711 / 1,016 / 1,395 / 1,498
R3500	1,200	3,500
R5000	2,400	7,000
R10000	4,320	15,000

Outside Location Machine

AX012	102	305
R10 / R25 / R45	100 / 254 / 737	305 / 635 / 1143

Milling Machines

The Reekie Milling Machines are built from a range of sideways to provide 3 axis of travel, including but not limited to 0.5m, 1m, 2m, 3m, 4m, 6m and 7m slide ways. Depending on the milling set up a range of milling heads can be used, the most commonly used heads have an inbuilt Z-Axis and are listed below.

	Z Travel (mm)	Max Face Mill Dia (mm)
MH32	75	160
MH150	120	250
MH200	105	400

Drilling Machines

Reekie Machining have an extensive range of drilling heads including right angle drive and drill stands that can be used in addition to the following standard machines

	Stroke (mm)	Max Drilling Diameter (mm)
DR30 (MT3)		
DR52 (MT4)	393	52
DR100 (MT5)	457	135
DR2	470	277

Line Boring Machines

Our boring machines can be configured in a large range of different ways and for most machines there are a large number of boring bars of varying lengths. Facing heads are available for most of our boring machines.

The Reekie Drilling and Milling Heads can also be configured for boring as well as bespoke set ups

	Bar Diameter (mm)	Boring Range(mm)
RB40	40	50 - 200
1149/BB5000	57.15 (2.25")	70 - 600
RB80	80	100 - 1,200
BB6000	88.9 (3.5")	100 - 1,200
RB240	240	500 - 2,500



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Blind Boring Machines

The Reekie Drilling and Milling Heads can also be configured for blind boring (for boring bores without through hole)

	Bar Diameter (mm)	Boring Range (mm)	Stroke (mm)
RB6	63.5 (2.5")	66 - 168	381
6DA-4SD	98.4 (3 7/8")	100 - 203	620
RB200	200	210 - 1,000	800

Pipe Cutting Machines (Clamshell)

Reekie Machining have a range of special machines that can be used in addition to the following standard machines

	Min Pipe Dia (inch)	Max Pipe Dia (inch)
C1-C7 Range	6/12/18/24/30/42	12/18/24/30/36/48
AFC12	6	12
AFC18	10	18
ACF24	16	24
AFC28	20	28
BFC42	28	42

Pipe End Prepping Machines

Reekie Machining have a range of special machines that can be used in addition to the following standard machines

Machine	Min. Pipe Dia. Range (inch)	Travel (inch)
FBM-24-1S	9/16 - 1	1.2
BG44	7/8 - 5	2.25
MFT	4.5 - 16	4.5
RA8-36	3.15 - 15.75	2.16

Turning

Reekie Machining have a range of special machines that can be used in addition to the following standard machines

	Diameter Range (mm)	Turning Length (mm)
M24T	75	300
JS29	102-285	405
M40T	250-400	377

Spark Erosion

	Electrode Diameter (mm)	Stroke (mm)
SFX-4000B	2-13	70
Bolt Eater 1025	10-60	229

Metrology

	Accuracy (mm)	Range (m)
Faro Arm 8ft Prime	+/-0.024	2.4
Faro Vantage Laser Tracker	+/-0.022 ~ 0.297	80
Easy Laser Flatness	0.01mm/m	30 (Radius)
Easy Laser Shaft Alignment	0.01mm/m	20

Welding

We can provide DNV approved and qualified welding procedure to complement our insitu machining repairs including overlays on shafts, bores and sealing faces. Our automated bore welder can be used on bores and shafts.

MIG 450 Multi Process Separate - IGBT MIG/MAG MMA inverter

BW3000 Auto Bore Welder - Advanced Automated Step Welding System for Bore, Flange, and Valve Repair