

Comparison of Roll Grooving Machines

Gruvmaster	model code	RG-1M	RG-2M	RG-3M	RG-H1X	RG-H2X	RG-1X	RG-1C	RG-1A	RG-2T	RG-2X	RG-2S
Photo ref.												
Pipe range	DN	25 ~ 300	25 ~ 150	32 ~ 150	50 ~ 200	50 ~ 300	25 ~ 200	25 ~ 200	25 ~ 200	20 ~ 200	50 ~ 300	25 ~ 300
	inch	1" ~ 12"	1" ~ 6"	1 1/4"~6"	2" ~ 8"	2" ~ 12"	1" ~ 8"	1" ~ 8"	1" ~ 8"	3/4"-8"	2" ~ 12"	1" ~ 12"
Max. pipe wall	mm	8mm	6mm	6mm	6mm	10mm	8mm	8mm	8mm	4mm	10mm	10mm
	inch	5/16"	1/4"	1/4"	1/4"	3/8"	5/16"	5/16"	5/16"	5/32"	3/8"	3/8"
thickness	max. SCH	1"-8" SCH40 10"~12" SCH30	1"-4" SCH40 5"-6" SCH10	1 1/4"-4" SCH10/40 5"-6" SCH10/20	2"-4" SCH40 5"-8" SCH10	2"-12" SCH40	1"-8" SCH40	1"-8" SCH40	1"-8" SCH40	Max 4mm outward Max 6mm inward	2"-12" SCH40	1"-12" SCH40
Elct. Motor	(Y / N)	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES
Motor Power	Single ph.	/	/	/	/	/	800	800	800	700	1100	1100
(watts)	Three ph.	/	/	/	/	/	700	700	700	700	750	750
Hdy. Feeding	(Y / N)	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Anti flare *	(Y / N)	NO	NO	NO	NO	YES	NO	NO	NO	YES	YES	YES
Packing / move mode		carton / tool box small contractor, small fab-shop, maintenance of industrial pipeline	carton / tool box maintenance of sprinkler pipeline	carton / tool box Suitable for both batch production and flexible on-site operations.	carton small contractor, small fab-shop	crate midium and large fab shops	4-legs small pipes, small projects w / low w all thickness pipes	trolly small pipes, small projects w / low w all thickness pipes	cross legs small pipes, small projects w / low w all thickness pipes	4-legs especially suitable for outward grooving on thin-w all pipes	4-legs high raise buidings, medium and large projects, massive grooving jobs	4-legs high raise buidings, medium and large projects, massive grooving jobs
Recommended Applications												
Gruvmaster	model code	RG-3	RG-7X	RG-8X	RG-4X	RG-5X	RG-5A	RG-6X	RG-K32	AG-2X	CG-2X	CG-4X
Photo ref.												
Pipe range	DN	50 ~ 200	50 ~ 200	25 ~ 300	200 ~ 600	25 ~ 300	25 ~ 300	50 ~ 400	200 ~ 800	50 ~ 400	50 ~ 300	200 ~ 800
	inch	2" ~ 8"	2" ~ 8"	1" ~ 12"	8" ~ 24"	1" ~ 12"	1" ~ 12"	2" ~ 16"	8" ~ 32"	2" ~ 16"	2" ~ 12"	8" ~ 32"
Max. pipe wall	mm	6mm	8mm	10mm	13mm	8mm	8mm	10mm	13mm	10mm	35mm	35mm
	inch	1/4"	5/16"	3/8"	1/2"	5/16"	5/16"	3/8"	1/2"	3/8"	1 3/8"	1 3/8"
thickness	max. SCH	2"-4" SCH40 5"-8" SCH10	2"-8" SCH10 2"-8" SCH40	1"-12" SCH10 1"-12" SCH40	8"-16" SCH40 18"-22" SCH30 24" SCH20	1"-8" SCH40 10"-12" SCH30	1"-8" SCH40 10"-12" SCH30	2"-12" SCH40 14"-16" SCH30/STI	8"-16" SCH10/40 18"-32" SCH10/20	2"-12" SCH10/40	2"-12" SCH80	8"-32" SCH40 8"-32" SCH80
Elct. Motor	(Y / N)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Motor Power	Single ph.	800	800	1500	NO	1100	1100	1100	/	/	1100	/
(watts)	Three ph.	700	800	1500	2200	750	750	750	2200	750	750	2200
Hdy. Feeding	(Y / N)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Anti flare *	(Y / N)	NO	YES	YES	--	YES	YES	YES	--	--	--	--
Packing / move mode		4-legs for low end market price competition only	4-legs for small contractor universal design, for low and medium thickness pipe	4-legs for high-volume grooving of various size steel pipes in workshop and construction sites	4-legs industrial pipeline roll grooving	4-legs for small contractor universal design, for low and medium thickness pipe	trolly w/air cyldr. for small contractor one man operation, for low and medium thickness pipe	4-legs high raise buidings, medium and large projects, massive grooving jobs, pipe support w /hydraulic unit	frame and swivel wheels ideal for use in both workshops and job sites for streamlined mass fabrication.	guide wheel for high-volume grooving of large-diameter steel pipes in workshop and construction sites	flat base Suitable for applications as in mining pipelines, power plants, petrochemical facilities, and heavy-duty mechanical	flat base Suitable for applications as in mining pipelines, power plants, petrochemical facilities, and heavy-duty mechanical
Recommended Applications												

Note *: only possible with SCH10 anti-flare roller set, optional