

Small Taiwanese-manufactured Mills - Key Specifications - Taken from Published Information

		Bench top Mill					Junior Knee Mill	
Model		RF-45	PM-728VT	PM-932M	PM-833T	PM-833TV	PM-935TS	PM-935TV
Power Source		1- or 3-phase	110 VAC	220VAC 20 Amp	220VAC 20 Amp	220VAC 20 Amp	1- or 3-phase	1- or 3-phase
Motor Type		1- or 3-phase	1-phase BLDC	1-phase	1-phase	3-phase	1- or 3- phase	1- or 3- phase
Motor HP		1.5	1	1.5	2	2	3	3
Speed Range		60-1500 1-phase. 60-3000 3-phase	75-2200, 2200-4000 with belt change	90, 210, 345, 670, 1180, 1970	60-230, 450-1500	50--3200 single position belt	80-600 in Back Gear 400-2720 Normal 50-5000 w VFD	60-500 in Back Gear 500-2700 Normal
Speed Change Selection		Geared Head 1-phase 6-steps, 3-phase 12-steps	Electronic Variable	Geared Head six steps	Geared Head six steps	Proprietary VFD	4-Step Belt Change or VFD	Reeves Mechanical Variable
Head Type		Geared Head	Belt Drive	Geared Head	Geared Head	Belt Drive	J-Head Belt Drive	
Spindle Taper		MT3 or R8	R8	R8	R8	R8	R8	R8
Table Length	X	32.25	28	31.5	33	33	35	35
MaxTable Movement	X	20.5	17.75	23.375	21.75	21.75	24	24
Max Table Movement w Power Feed	X	18	??	19.5	19	19	22	22
Table Power Feed	X	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Table Width	Y	9.5	7	9.5	8.25	8.25	9	9
Table Movement	Y	8.25	8.5	8	11	11	12	12
Table Power Feed	Y	N/A	N/A	N/A	N/A	N/A	Optional	Optional
Quill Travel	Z	5	3	5	5	5	5	5
Quill Power Feed	Z	Optional		Optional	N/A	N/A	Up & Down	Up & Down
Head or Knee Power Feed	Z				Optional	Optional	Optional	Optional
Maximum Z-Height (spindle nose to table)		18	16.25	18	20.5	20.5	17	17
Spindle to Column		10	8.5	10	11.25	11.25	4 to 15	4 to 15
Weight in Pounds w/o Stand		750	370	850	900	750	1430	1500