



M7150 - Hydraluic

1.Description :

A short but wide work table gives the machine a compact structure, occupation of small land area. it uses machining surface of steel, cast iron and various ferrous metals.

It is especially to machining the Die and also the groove and flange.

The wheel head vertical feeding use high precision ballscrew, make high feeding.

The wheel head adopts high-power motor and make higher grinding efficiency and smoothness

2.Features

The lift system use high-precision ballscrew to confirm accuracy.

The wheelhead can be moved transversely on the saddle by hydraulic system or by hand. easy to operate.

The saddle together with the wheelhead have quick lift device and move up and down for vertical feed on the column. It can be moved by hand or by hydraulic system.

Standard Appendix:

(1) tool box (2) balancing stand (3) balancing arbor (4) socket wrench (5) hook wrench (6)nuts for dismantling wheel adapter with wheel (7)open-end wrench (8) grinding wheel with wheel flange (adapter) (9) rubber wiper (10) machine stand pad (11) hanger (ring) (12) cooling equipment with pump (13) Electro magnetic chuck

Optional accessories:

(1)tiltable permanent chuck (2) demagnetizer (3) angle dresser (4) precision vice (5) working light (6)wheel flange (7) grinding wheel

SPECIFICATION	M7150			
S ize of workatable (L × W × H)	mm	125 0×500	1600 × 500	2000 × 500
Max . Longitudinal movement of wor ktable	mm	1350	1700	2100

Max. Distance from the spindle centerline to the worktable surface		mm	800	800	800
Max. Cross movement of grinding head		mm	580	580	580
Max. Vertical movement of grinding head		mm	600	600	600
Vertical movement of the grinding head by hand wheel	Per graduation	mm	0.01	0.01	0.01
	Per revolution	mm	1.00	1.0	1.0
Rapid lifting motor	Power	KW	0.37	0.37	0.37
	Speed	r/min	1450	1450	1450
Abrasive wheel dim (D × W × d)		mm	400x203x50	400x203x50	400x 203x50
Speed of grindwheel		r/min	1440	1440	1440
Total power of motor		Kw	12	12	12
Power of spindle motor		KW	7.5	7.5	7.5
Power of oil pump motor		KW	4	5.5	5.5
Processing, accuracy		mm/mm	1000:0.015	1000:0.015	1000:0.015
Surface roughness			Ra:0.63	Ra:0.63	Ra:0.63
N/G weight		kg	5300/6000	6000/6900	7000/7800
Packing size(LXWXH)		mm	3800X2700X2800	4500X2700X2800	5600X2700X2800



Wheel head moving surface Grinder



Features:

The wheel head can be moved transversely on the saddle by hydraulic system or by hand, the saddle together with wheelhead can move up & down for vertical feed on the column by hand or by hydraulic system.

Working table can be auto hydraulic transmission and manual feed on longitudinal.

Standard appendix:

- (1) tool box (2) balancing stand (3) balancing arbor
- (4) socket wrench (5) hook wrench
- (6) wheel extractor
- (7) open-end wrench
- (8) grinding wheel with wheel flange
- (9) rubber wiper (10) machine stand pad
- (11) hanger ring (12) cooling equipment with pump
- (13) electro magnetic chuck

Optional accessories:

- (1) tiltable permanent chuck
- (2) demagnetizer
- (3) angle dresser
- (4) precision vice
- (5) working light
- (6) wheel flange
- (7) grinding wheel

M7150

Description	Unit	M7132	M7140	M7150
Width of worktable	mm	320	400	500
Length of worktable	mm	1000 (1250) / 1600 / 2000		
Max. Longitudinal movement of worktable	mm	1100 (1350) / 1700 / 2100		
Max. Distance from the spindle centerline to the worktable surface	mm	570	570	800
Max. Cross movement of grinding head	mm	350	450	580
Max. Vertical movement of grinding head	mm	400	400	600
Vertical movement of grinding head by handwheel	Per graduation	mm	0.01	0.01
	Per revolution	mm	1.00	1.00
Rapid lifting motor	Power	KW	0.37	0.37
	Speed	r/min	1440	1440
Abrasive wheel dim(DxdxW)	mm	350x127x40	350x127x40	400x203x50
Speed of grinding wheel	r/min	1440	1440	1440
Total power of motor	KW	9/12	9/12	12
Power of spindle motor	KW	5.5	5.5	7.5
Power of oil pump motor	KW	3/5.5	3/5.5	4/5.5
Processing accuracy	mm	0.015/1000	0.015/1000	0.015/1000
Surface roughness	μm	Ra:0.63	Ra:0.63	Ra:0.63