



M7125A - Hydraluic

M7125A: CE certified

- * Compact structure, and easy operate.
- * Hydraulic transmission on longitudinal manual and auto feed on transverse, rapid movement and micro-adjust mechanism on vertical.
- * The guide ways of saddle and bed is adopted with V type and plane guide pair and the low guide ways are adhesive with plastic, so that the moving is facile and light.
- * DRO can be selected
- * Rapid moving up or down is driven by the micro motor located on the lower of grinding head body. Drive the worm pair to complete the rapid movement. When working, pull the micro setting handle on bed to engage the worm. Then push the button on the panel. If feed by hand, disengage the micro-worm on bed to turn the hand wheel, when micro-feed, put the micro-adjustable knob to engaged the worm and turn the micro-adjusting handle to realize the micro-feed. The lead screw pair timing wheel and micro-motor is located in the saddle of bed.

Standard Appendix:

- (1) tool box (2) balancing stand and bar (3) special wrench
(4)flange wrench (5) screwdriver (6)Wheel Balancing screw (7)open-end wrench (8)inner hexagon spanner (9) wheel dresser holder (10) machine stand pad (11) wheel flange
(12) Diamond wheel dresser (diamond pen) (13) permanent chuck

Optional accessories:

- (1)tiltable permanent chuck or electro magnetic chuck (2) demagnetizer (3) overhead parallel dresser (4) angle dresser (5) radius dresser (6) precision vice (7) dust suction device (8) 2 - axis digital readout system
(9) working light (10)wheel flange

MAIN PARAMETERS

Description	unit	M7125A
Max.dim grinding component(L x W x H)	mm	500 x 250 x 330
Max.longitudinal travel	mm	520

Max.cross travel	mm	270
Max.distance from spindle center to table surface	mm	430
Max.load of worktable	kg	100
Worktable surface (L x W)	mm	500 x 250
T-slots of worktable	mm x n	12 x 1
Speed of worktable	m/min	3-23
Feed-rate of hand wheel	mm	0.02/graduation 3/revolution
Feed-rate of hand wheel automatic feed	mm	0.6-10
Feed-rate of hand wheel rapid feed	mm/min	144
Abrasive wheel dim (D x W x d)	mm	200 x 16 x 31.75
Spindle speed	mm	2850
Max. wheel more of micro-adjusting	r/min	430
Vertical move rate per circle of micro adjusting mechanism	mm	1
Feed rate per scale of micro-adjusting	mm	0.005
Spindle motor	kw	1.1
Overall dimesions of machine(L x W x H)	mm	1360 x 1190 x 1660
Packaging size (L x W x H)	mm	1300 x 1220 x 1950
Net/Gross weight	t	1.2 1.1



Auto hydraulic surface grinder



M230A



M7125A

Feature:

Hydraulic transmission on longitudinal, manual and auto feed on transverse, rapid movement and micro-adjust mechanism on vertical. (auto feed on transverse is optional)

Standard appendix:

- (1) tool box (2) balancing stand & bar (3) special wrench (4) flange wrench
 (5) screwdriver (6) wheel balancing screw (7) open-end wrench (8) inner hexagon spanner
 (9) wheel dresser holder (10) stand pad (11) wheel flange
 (12) Diamond wheel dresser (13) permanent chuck

Optional accessories:

- (1) tiltable permanent chuck
 (2) demagnetizer
 (3) overhead parallel dresser
 (4) angle dresser
 (5) radius dresser
 (6) precision vice
 (7) dust suction device
 (8) 2-axis DRO
 (9) working light
 (10) wheel flange
 (11) auto feed on transverse(Y axis)

Description		M230A	M7125A
Max.dim grinding component(L × W × H)	mm	450 × 230 × 330	500 × 250 × 330
Max.longitudinal travel	mm	500	520
Max.cross travel	mm	250	275
Max.distance from spindle center to table surface	mm	430	410
Max.load of worktable	kg	100	100
Worktable surface(L × W)	mm	450 × 230	500 × 250
T-slots of worktable	mmxn	12 × 1	12 × 1
Speed of worktable	m/min	3-23	3-23
Cross auto feed	mm	0.6-10	0.6-10
Cross Feed-rate of hand wheel	mm	0.02/Gra 3/Rev	0.02/Gra 3/Rev
Abrasive wheel dim(D × W × d)	mm	200 × 16 × 31.75/32	200 × 16 × 31.75/32
Spindle speed	r/min	2850	2850
Max. movement of the vertical mechanism	mm	430	410
Vertical move rate per circle of micro adjusting mechanism	mm	0.15	0.15
Feed rate per scale of micro-adjusting	mm	0.002	0.002
Spindle motor	kw	1.1	1.1
Overall dimenions of machine(L × W × H)	mm	1500 × 1180 × 1800	1550 × 1180 × 1840
Packaging size(L × W × H)	mm	1580 × 1300 × 1950	1650 × 1300 × 1950
Net/Gross weight	t	1.3 、 1.5	1.4 、 1.6

Auto Hydraulic Surface grinder CE certified

- M230A, M7120A, M7125A, M7135A, M7140A

Description	unit	M230A	M7120A	M7125A	M7135A	M7140A
Max.dim grinding component(L x W x H)	mm	450 x 230 x 330	500 x 200 x 330	500 x 250 x 330	800 x 350 x 430	800 x 400 x 430
Max.longitudinal travel	mm	500	520	520	820	820
Max.cross travel	mm	250	220	270	390	440
Max.distance from spindle center to table surface	mm	430	430	430	580	580
Max.load of worktable	kg	100	100	100	400	400
Worktable surface (L x W)	mm	450 x 230	500 x 200	500 x 250	800 x 350	800 x 400
T-slots of worktable	mm x n	12 x 1	12 x 1	12 x 1	18 x 3	18 x 3
Speed of worktable	m/min	3-23	0-22	3-23	0-26	0-26
Feed-rate of hand wheel	mm	0.02/ graduation 3 revolution	0.02/ graduation 4 revolution	0.02/graduation 3/revolution	0.02/graduation 4/revolution	0.02/graduation 4/revolution
Feed-rate of hand wheel automatic feed	mm	0.6-10	0.6-10	0.6-10	0.5-20	0.5-20
Feed-rate of hand wheel rapid feed	mm/min	144		144	144	144
Abrasive wheel dim (D x W x d)	mm	200 x 16 x 31.75	200 x 16 x 31.75	200 x 16 x 31.75	300 x 32 x 75	350 x 32 x 127
Spindle speed	mm	2850	2900	2850	1450	1450
Max. wheel more of micro-adjusting	r/min	430	430	430	530	530
Vertical move rate per circle of micro adjusting mechanism	mm	0.15	0.04	1	0.04	0.04

Feed rate per scale of micro-adjusting	mm	0.002	0.001	0.005	0.001	0.001
Spindle motor	kw	1.1	1.1	1.1	4(Y112M-4 B5)	5.5
Overall dimesions of machine(L x W x H)	mm	1500 x 1180 x 1800	1670x1350x1780	1360 x 1190 x 1660	2260 x 1722 x 1917	2260 x 1790 x 1917
Packaging size (L x W x H)	mm	1580 x 1220 x 1950	1670x1370x1990	1300 x 1220 x 1950	2400 x 1830 x 2200	2400 x 1900 x 2200
Net/Gross weight	t	1.2 1	1.6,1.5	1.2 1.1	3.3,3.0	4.2 3.