M7163 - 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 efficienty 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 togther 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		M7163		
Size of workatable(L×W×H)	mm	1250X630	1600X630	2000X630
Max. Longitudinal movement of worktable	mm	1350	1700	2100
Max. Distance from the spindle ce nterline to the worktable surface	mm	800	800	800
Max. Cross movement of grinding head	mm	680	680	680

Max. Vertical movement of grinding head		mm	600	600	600
Vertical movement of the grinding head by handwheel	Per graduation	mm	0.005	0.005	0.005
	Per revolution	mm	0.5	0.5	0.5
Rapid lifting motor	Power	KW	0.37	0.37	0.37
	speed	R/min	1450	1450	1450
Abrasive wheel dim(D×d×W)		mm	400×50×203	400×50×203	400×50×203
Speed of grinding wheel		r/mm	1440	1440	1440
Total power of motor		KW	14	14	14
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	0.015/1000	0.015/1000	0.015/1000
Surface roughness		μm	Ra:0.63	Ra:0.63	Ra:0.63
N/G weight		kg	5600/6300	6800/7500	7800/8500
Package LXWXH		mm	3800X2700X2800	4500X2700X2800	5500X2700X2800

Catalogue

C&J MACHINE & TOOLS

Wheel head moving surface Grinder

M7160

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

Description		Unit	M7160	M7163
Width of worktable		mm	600	630
Length of workatable		mm	1250 1600 2000	
Max. Longitudinal movement of worktable		mm	1350 1700 2100	
Max. Distance from the spindle centerline to the worktable surface		mm	800	800
Max. Cross movement of grinding head		mm	650	700
Max. Vertical movement of grinding head		mm	600	600
Vertical movement of grinding head by handwheel	Per gradutaion	mm	0.005	0.005
	Per revolution	mm	0.5	0.5
Rapid lifting motor	Power	KW	0.37	0.37
	Speed	r/min	1450	1450
Abrasive wheel dim(DxdxW)		mm	400x50x203	400x50x203
Speed of grinding wheel		r/min	1440	1440
Total power of motor		KW	14	14
Power of spindle motor		KW	7.5	7.5
Power of oil pump motor		KW	4/5.5	4/5.5
Processing accuracy		mm	0.015/1000	0.015/1000
Surface roughness		μm	Ra:0.63	Ra:0.63