



## Catalogo JPG TOOLS Maquinaria Industrial

### X6132 X6130A X6130AL Horizontal universal knee mil

*Major characteristics and purposes*

*Horizontal universal knee-and-column milling machine is a universal lathe at ordinary precision level, which is available to machine various surfaces and grooves, etc. with various cylindrical milling cutters, saw toothed milling cutters, angle milling cutters and forming milling cutters. The worktable can swivel from left and right by 45 degrees. Spiral flutes of helical gear and twist bit can be machined when dividing head and change gear plate are both adopted. It is suitable for single and mini-batch production, tool repair departments and mass production departments. The scope of application of the lathe can be enlarged when special accessories such as vertical milling head, plug, round worktable and universal dividing head, etc. equipped.*

Model Name	Unit	X6132	X6135	X6130A(X6130A/L)
Table surface	mm	320×1320	350×1500	300×1150 (300×1500)
Numbers、 width&distance between T - slot	mm	3×18×80	3×18×80	3×18×70
Max.longitudinal travel	mm	790	900/890(手动/机动)	680(780)
Max.cross travel	mm	320	350/340(手动/机动)	235
Max.vertical travel	mm	390	400/390(手动/机动)	400
Travel of arm	mm	720	720	470
Swivel angle of the milling head	degree	±360°	±360°	±90°
Max.rotary angle of table	degree	±45°	±45°	±45°

Level spindle taper	taper	7:24 NO:50	7:24 NO:50	7:24 NO:40
Milling head spindle taper	taper	7:24 NO:40	7:24 NO:40	7:24 NO:40
Level spindle grade of speed	steps	18	18	12
Level spindle range of speed	rpm	30—1500	30—1500	35—1600
Milling head spindle grade of speed	steps	18	18	12
Milling head spindle range of speed	rpm	30—1500	30—1500	35—1600
Grade of the work-table feeds	steps	18	18	14
Range of feed speeds longitudinal,cross,vertical	mm/min	12—1000、4—330	12—1030、4—343	12—720、4—240
Speed of rapid travels longitudinal,cross,vertical	mm/min	2400、800	2400、800	2100、700
Main drive motor level spindle	kw	7.5	7.5	4
Feed motor	kw	1.5	1.5	0.75
Coolant pump	w	120	125	40
Net weight of machine	kg	3000	3300	2150(2250)
Overall dimensions (L×W×H)	mm	2275×1810×1790	2280×2060×1850	1695×1535(1935)×1630