

Machine Name : Turn-milling machining center

Brand : SCHIESS

Machine Model : 63DFG

Stock No. : 80348

Ex-factory Date :



Main Technical Parameters:

Machining diameter 14 meters

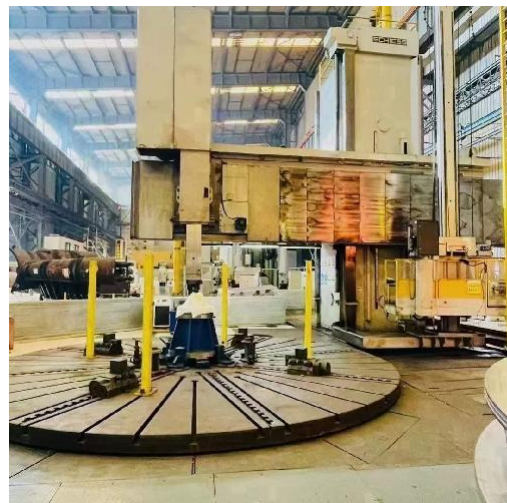
Worktable diameter 7 meters, load 200 tons

2 floor slabs size 2.5m x 5m

X axis travel 9 meters, Y axis machining height 5.6 meters, Z axis travel 2.8 meters

With head magazine, automatic spindle head changing, tool changing, with 1 universal five-axis head, 1 five-face head, 1 90-deg angle milling head, 1 lengthening head, 2 tool holder, a total of 6, all axes with Heidenhain glass scale, full closed-loop, Siemens 840D system.

Also available as single arm milling, can mill 5 m width *9 m length, 9 m diameter. Able to turn, mill or bore to the center





Live run spindle speed 开孔主轴转速范围	16-1600 rpm
Live spindle motor 主轴电机功率	67 HP
Cross rail 横梁	
Vertical movement of cross rail 横梁垂直行程	4500 mm
Cross rail traverse rate 横梁速度	360 mm/min
Cross rail head 横梁刀架	
Max. distance, top of table to bottom face of ram 台面至刀架底面最大距离	3800 mm
Horizontal travel of cross rail head from table Center in outward direction 刀架自台面中心至最外边缘加工范围半径	7000 mm
Vertical ram travel 刀架垂直行程	2800 mm
Cross section of ram 刀架截面	380x310 mm
Max. bore diameter ram enters 刀架可进入最大孔径直径	520 mm
Permissible cutting force on cross rail head ram stroke 刀架允许加工扭矩	800nm 1000 daN
Traverse rate 横进速度	
Feeds to the axes of the cross rail head 刀架各轴进给速度	0.1-2000 mm/min

* Column attachment 分型系统	
Specifications 规范	
Table diameter 工作转台直径	7000 mm
Maximum swing 最大加工范围	14000 mm
Column traverse should reach end of the table 立柱横进应达到台板位置	7000 mm
Traverse rate of the column, infinitely variable 横进升降速度, 无级变速	6000 mm/min
Turning height above top of the table 可加工高度	5500 mm
Column bed (two guide ways) width 床身宽度(双导轨)	2900 mm
Table main drive 工作转台驱动	
Table diameter 工作转台直径	7000 mm
Table load capacity 工作转台承载力	200 Tons
Table speed range 1 工作转台转速1档	0.25-26.3 rpm
Table speed range 2 工作转台转速2档	1.8-22 rpm
Base speed 控制转速	2 rpm
Torque on table 工作转台扭矩	56000 da Nm



