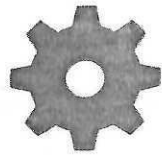


# 43632  
# 43633



**Zimmermann**

# **Instruction Manual**

## **Gantry-Type CNC Milling Machine FZ 30 - 3 Axes**

Machine No.: 15

Maschinen für den  
Modell- und Formenbau

*Machines for the model and  
mould making industry*

*Machines pour  
modeleurs et moulistes*

CE

**Technical Data**Working range

Portal-longitudinal movement (X-axis).....	[mm]	5500
Vertical slide transverse movement (Y-axis).....	[mm]	3360
Vertical slide vertical movement (Z-axis).....	[mm]	1250
Portal clear width .....	[mm]	3080
Portal clear height.....	[mm]	1900

Work table

Table surface (length x width ).....	[mm]	7500x3000x4000
T-slots.....	[mm]	8x18 <sup>H12</sup>
Max. cutting height (distance spindle nose -table upper edge).....	[mm]	1335
Max. table loading .....	ca.[kg/m <sup>2</sup> ]	30000

Milling spindle

## Tool holder for hollow cutter

Milling spindle speed, infinite.....	[min <sup>-1</sup> ]	100-6000
Motor power constant from 1500-6000 min <sup>-1</sup> .....	[KW]	6,0
	[PS]	8,2

## Feed rate

Programmable (all axes)..... [mm/min] 0-20000

Motor power

Feed motor	X-axis.....	[KW]	3,2
		[PS]	4,4
	Y-axis.....	[KW]	1,6
		[PS]	2,2
	Z-axis.....	[KW]	2,0
		[PS]	2,7

Wattage..... [KW] 20

Machine dimensions

See erection plan in chapter 2

Packing dimensions

Machine bed	Length .....	[mm]	7900
	Width.....	[mm]	1900
	Height.....	[mm]	1650
Portal and switch cabinet	Length .....	[mm]	5100
	Width.....	[mm]	2400
	Height.....	[mm]	3850

## Weight

Machine with switch cabinet..... [kg] 29200