



## MACHINE-DATA

Machinetype : Travelling column milling machine  
 Make : SORALUCE  
 Type : FP 6000  
 Year : 2009  
 Control type : HEIDENHAIN iTNC 530  
 Control : HEIDENHAIN iTNC 530  
 Storage location : Freudenberg  
 Origin :  
 Delivery time : immediate  
 Quotation : EXW 'as is where is'  
 Price : on request



## TECHNICAL DATA

|                                    |                     |
|------------------------------------|---------------------|
| x-travel                           | 6000 mm             |
| y-travel                           | 2100 mm             |
| z-travel                           | 1500 mm             |
| Controls                           | HEIDENHAIN iTNC 530 |
| BASIC DESIGN                       | .                   |
| - basic design : travelling column | .                   |
| WORKING RANGE -MILLING-            | .                   |
| - x-axis traverse                  | 6000 mm             |
| - y-axis traverse                  | 2100 mm             |
| - z-axis traverse                  | 1500 mm             |
| FLOOR PLATE                        | .                   |
| - clamping surface (left-right)    | 7000 mm             |
| - clamping surface (front-back)    | 2000 mm             |
| WORKING SPINDLE / HEAD             | .                   |
| - spindle type : orthogonal head   | .                   |
| - tilting range                    | 360 °               |
| - - mode of operation : automatic  | .                   |
| - - positioning/indexing           | 1 °                 |
| - tilting range (2nd axis)         | 270 °               |
| - - mode of operation : automatic  | .                   |
| - - positioning/indexing           | 1 °                 |
| - spindle revolutions (min)        | 20 /min             |
| - spindle revolutions (max)        | 4000 /min           |
| - spindle diameter                 | 90 mm               |
| - taper fixture : ISO SK 50        | .                   |
| - spindle power (continuous)       | 32 kW               |

Travelling column milling machine  
**SORALUCE**  
FP 6000  
Stock no. :1048-746688



|                                                 |              |
|-------------------------------------------------|--------------|
| - torque (max.)                                 | 910 Nm       |
| AXIS DRIVES                                     | .            |
| - feed velocity (min)                           | 2 mm/min     |
| - feed velocity (max)                           | 20000 mm/min |
| - rapid traverse                                | 25000 mm/min |
| ELECTRICAL SPECIFICATIONS                       | .            |
| - total power consumption                       | 79 kW        |
| - mains voltage                                 | 400 V        |
| - mains frequency                               | 50 Hz        |
| DIMENSIONS / WEIGHTS                            | .            |
| - total weight approx.                          | 55000 kg     |
| ATTACHMENTS                                     | .            |
| - coolant unit : yes                            | .            |
| - high pressure cooling syst. (through spindle) | .            |
| - closed cabin : yes                            | .            |
| - chip conveyor : yes                           | .            |
| - hydraulic system : yes                        | .            |
| - central lubrication system : yes              | .            |

## TECHNICAL DESCRIPTION

*Technical description :*

*Traveling column milling machine with Heidenhain TNC530 control, coolant system, chip conveyor and STOLLE floor plate area 7000 mm length and by 2000 mm width (valued at Euro 20.000 is included).*

*- NOTE: The clamping table, the clamping angle, are NOT included in the scope of delivery.*

*Those optionals can be purchased separately at following EXW ex works prices*

*ANGLE PLATE Euro 5.000,-- PER UNIT  
CUBE FOR CLAMPING EURO 2.000,--*

## VIDEO-LINKS

## WEB-LINK

[https://lagermaschinen.de/maschinen-datenblatt/Travelling\\_column\\_milling\\_machine/SORALUCE/FP\\_6000/1048-746688](https://lagermaschinen.de/maschinen-datenblatt/Travelling_column_milling_machine/SORALUCE/FP_6000/1048-746688)

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## MACHINE PICTURES



Technical specifications according to manufacturer's information / documentation

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