

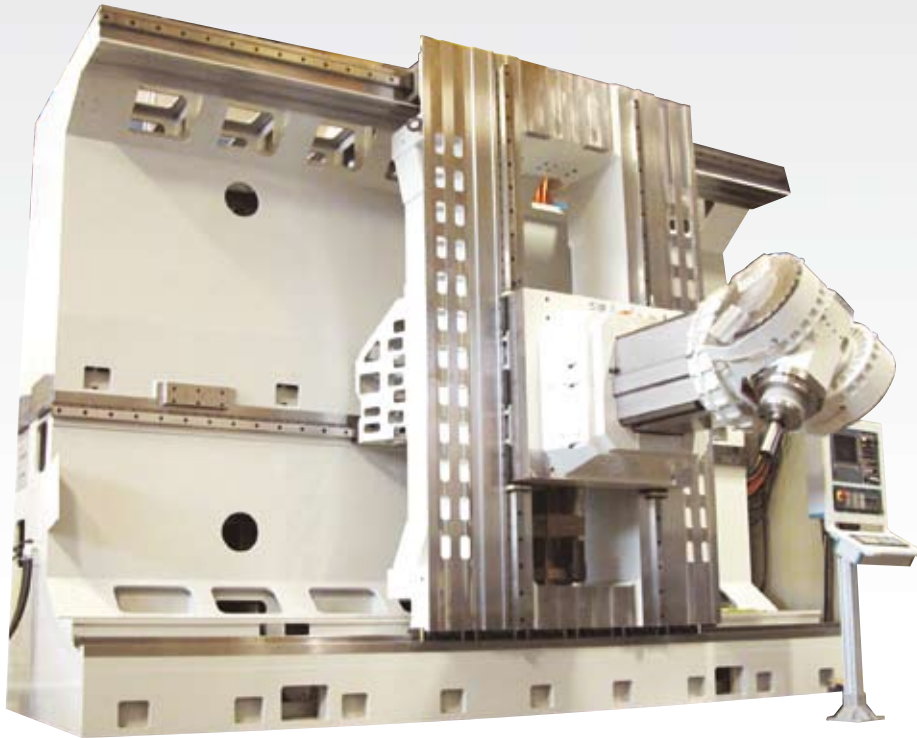
UNIVERSAL HEAD TILTING TABLE

A-C axes 22,000 degrees/min.

HSK-A80 / HSK-A63

Linear axes rapid feeds 70 m/min.

Pallet dimensions 3,000x2,000



Tool changing time	2 s
Number of tools HSK-A100	148 -999
Spindle speed	20,000 rpm
Spindle power	75 kW
Spindle torque	200 Nm
Gantry control on all machine axes	
Linear axes measuring system with pressurized optical scales	



JETFIVE/L UNIVERSAL HEAD TILTING TABLE

TECHNICAL FEATURES

WORKING AREA

Longitudinal X axis	mm	3,000/7,000/11,000/15,000
Vertical Y axis	mm	2,000
Transversal Z axis	mm	600
Transversal table W axis	mm	800
Axes thrust	daN	4,000
Rapid feeds	m/min	70
Linear axes measuring system		pressurized Heidenhain optical scales
Rotating axes measuring system		pressurized Heidehain encoders
AC axes servomotor drive with digital adjustment		

SPINDLE

HSK-A80 / HSK-A63	rpm	20,000
Power	kW	75
Front bearing diameter	mm	100
A axis tilting angle	degrees	200
C axis tilting angle	degrees	360
Max torque	Nm	200

TOOL CHANGE

Standard features		
Rack type tool magazine capacity	n.	148 - 999
Max. tool length	mm	600
Max tool weight	kg	25
Chip to chip tool changing time	s	12
Max. tool diameter	mm	300
Adjacent tools max. diameter	mm	100

TILTING TABLE

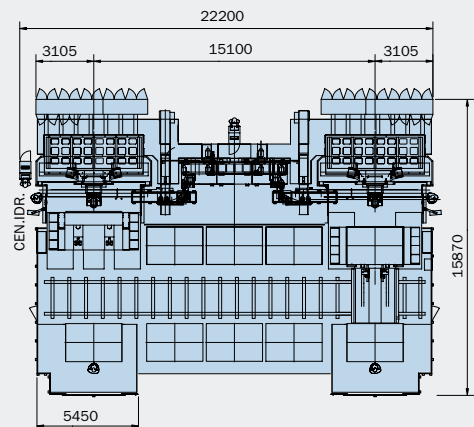
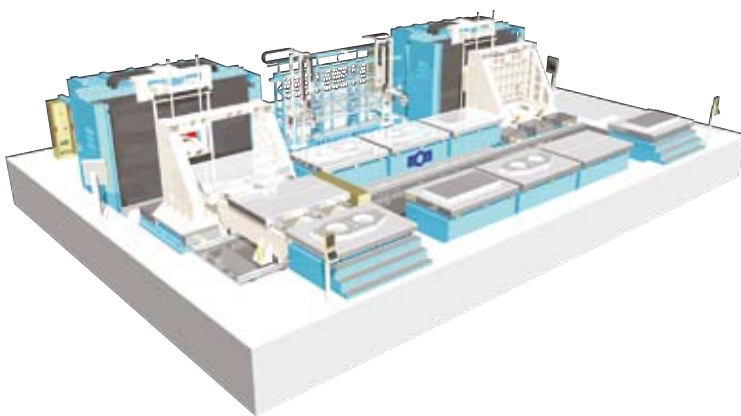
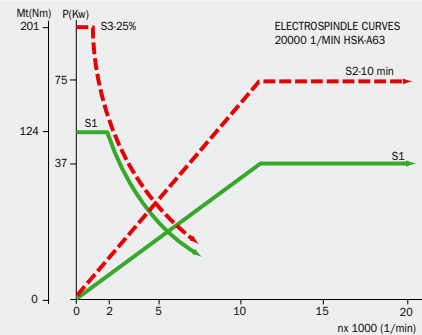
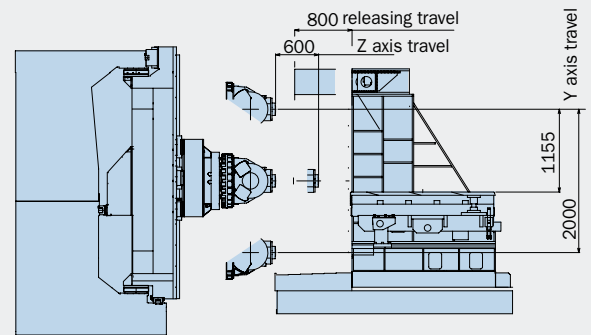
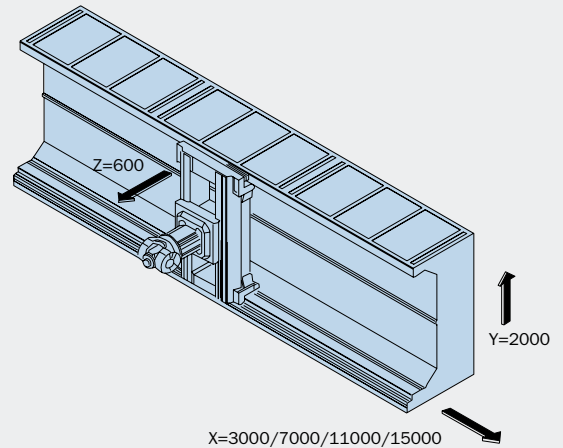
Positions	n.	2
Pallet dimensions	mm	3,000x2,000/6,000x2,000
Max. load on pallet	kg	5,000

CHIPS CONVEYOR

Scraper type

COOLANT SYSTEM

1,500 liters tank with self-cleaning filter



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