



9 STATIONS CNC TRANSFER MACHINE with 3 working directions for valves, fittings and fitting-taps

BASE UNIT	built with welded steel sheets and normalized
ROTARY TABLE	
axis	horizontal
nr. of stations	9
motor drive	brushless servomotor high accuracy reductor
final positioning	on HIRTH ring gears +/- 3 arcsec accuracy
transfer time	0.55-0.8s (2 speeds selectable for load of light / heavy workpieces)
chucks	self centering built in cemented / tempered steel
jaws overall stroke	26 mm
clamp force adjustment	via independent chucks pressure regulator
WORKING DIRECTIONS	3

HYDRAULIC PACK

oil tank capacity	120 lt
pump type	piston pump with variable delivery capacity

CNC

hardware	BECKHOFF on PC platform
servomotors / drives	Danaher Motion
PC / display	BECKHOFF industrial PC with LCD 12.1" display and IP65 keyboard
development platform for CNC	BECKHOFF TwinCAT soft-NC / PLC
operator Interface	developed under Windows XP environment
remote service	via DSL / Ethernet

CNC MACHINING UNITS

	standard config.:	max installable units:
right side	5	8
left side	5	8
radials	4	4

CNC MACHINING UNITS TYPES

CNC DRILLING UNIT

type	F95-40
housing diameter	95 mm
housing nominal stroke	135 mm
spindle:	
nose	ISO 40
motor	asynchronous or vectorial
motor power	up to 7,5 Kw
speed regul.	4 fixed speeds or continuous regulation with vectorial frequency inverter (selection via PC panel)
executable machinings	drilling / boring / neck (with dedicated mechanical head)

CNC TAPPING / DRILLING UNIT

type	F95-40
housing diameter	95 mm
housing nominal stroke	135 mm
spindle:	
nose	ISO 40
motor	brushless
motor power	up to 7,5 Kw
speed regul.	Continuous via PC panel
executable machinings	rigid tapping / drilling / boring / neck (with dedicated mechanical head)

CNC RECESSING UNIT

type	SF95-40
housing diameter	95 mm
housing nominal stroke	135 mm
spindle:	
nose	ISO 40
motor	asynchronous or vectorial
motor power	up to 7,5 Kw
speed regul.	4 fixed speeds or continuous regulation with vectorial frequency inverter (selection via PC panel)
recess head	NTS125 type with single slide or NTS125E with twin slides, pressurized with lubricated air The recess head can be removed in order to use the unit as normal drilling unit
slide stroke	17 mm
executable machinings	drilling / boring / simple recess / recess while forwarding

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