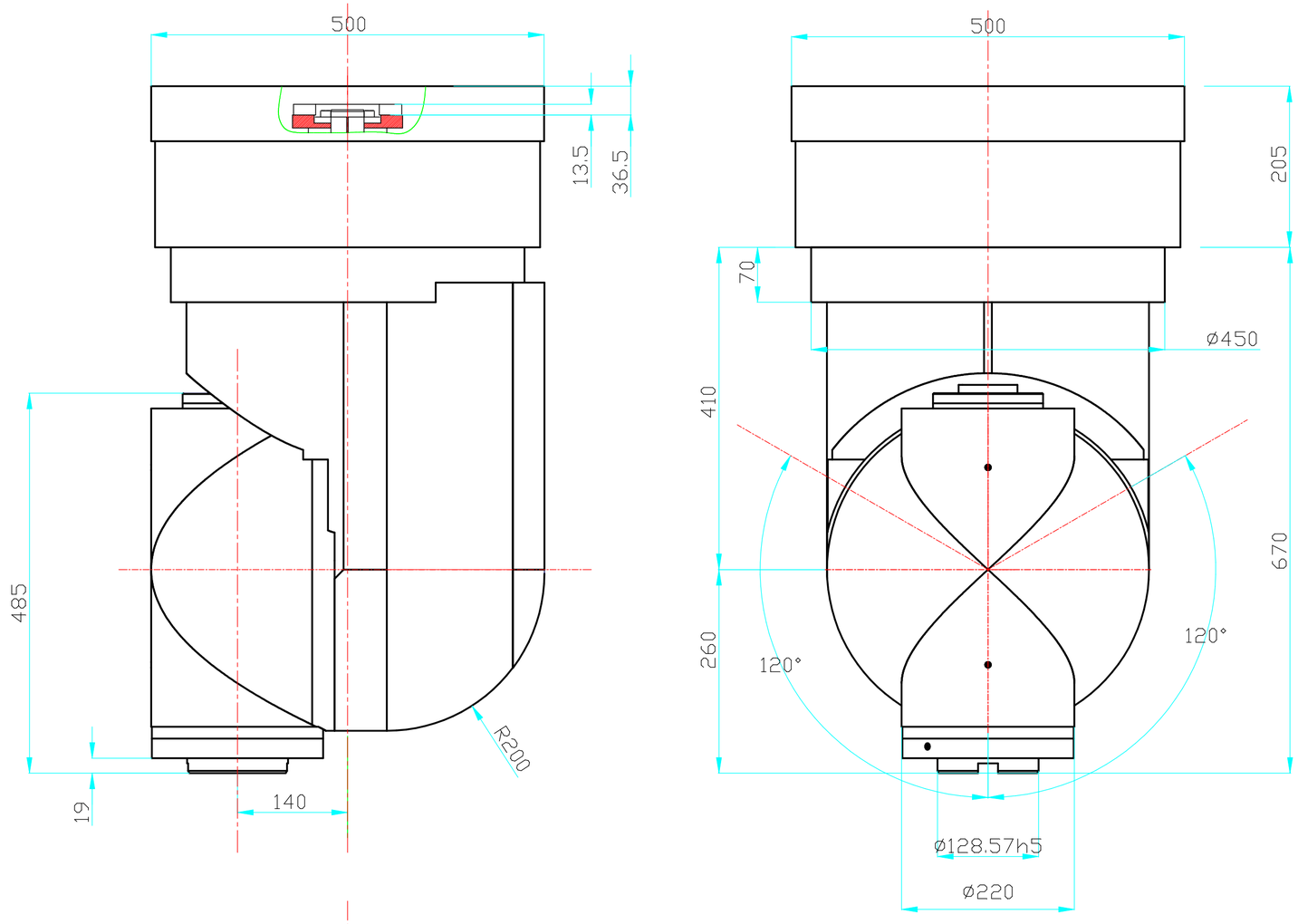

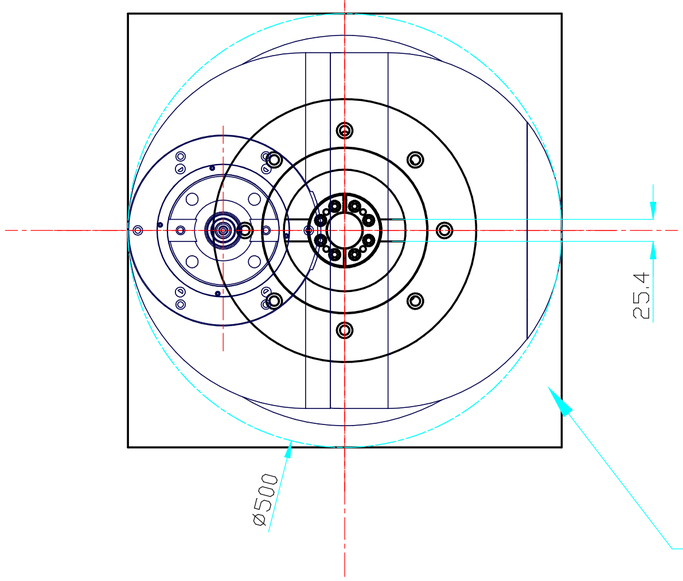

TECHNICAL DATA			
Spindle	Power	kW	37
	Max torque (S1 at 100%)	Nm	1,500
	Max speed	rpm	5,000
	Tool taper	(-)	SK50
	External tool colant pressure	bar	6
	Internal tool coolant pressure	bar	40
	Tool taper air blow	bar	6
B axis	Angular displacement	(°)	±120
	Max speed	rpm	15
	Positioning	(-)	96 at 2.5° (opt. 240 at 1°)
	Max clamping torque (at 100bar pressure)	Nm	8,000
C axis	Angular displacement	(°)	±190
	Max speed	rpm	15
	Positioning	(-)	152 at 2.5° (opt.380 at 1°)
	Max clamping torque (at 100bar pressure)	Nm	8,000

	HYDRAULIC, PNEUMATIC & COOLANT UTILITIES	Fluid	Pressure	Fitting
01	Tool releasing	Oil	100	-
02	Taper air blow/Internal tool coolant (option)	Air/Coolant	40	-
03	Spindle cover labyrinth air	Air	100	-
05	External tool coolant	Coolant	20	-
07	A axis clamping	Oil	100	-
09	A axis releasing	Oil	100	-
10	C axis clamping	Oil	100	-
11	C axis unclamping	Oil	100	-
14	Transmission clamping	Oil	100	-
15	Head coolant inlet	Coolant	5	-
16	Head coolant outlet	Coolant	5	-
37	Head coolant outlet	Grease	25	-

	ELECTRIC UTILITIES	FUNCTION	MODELL	Q.ty
B axis	Axis encoder	Positioning 1°x1°	HEIDENHAIN EQN 425 2048i/r En Dat	1
	Axis sensors	Axis clamped/unclamped	Telemecanique XS1-N08PA340	2
C axis	Axis encoder	Positioning 1°x1°	HEIDENHAIN EQN 425 2048i/r En Dat	1
	Axis microswitches	Axis clamped/unclamped	BALLUFF BNS 819-99-R10-S4	2

THE EXIT OF HYDRAULIC AND PNEUMATIC
SERVICES CUSTOMER SIDE WILL BE DEFINED AT
THE ORDER CONFIRMATION

STANDARD HEAD IS SUPPLIED WITH 0.5 METER OF CABLES WITHOUT
CONNECTOR

(*) OUR STANDARD RELEASE IS PREDISPOSED
FOR THE FOLLOWINGS TOOL HOLDERS:
- ISO 50 7388 A (DIN 69871)
- ISO 50 7388 B (ANSI 5.50)
- MAS 403 BT50 PT1
- MAS 403 BT50 PT2.

OTHER RELIESE (AS HSK A 100 OR CAPTO 10) AS
OPTION ON REQUEST.

(**) INTERNAL TOOL COOLANT THRU THE SPINDLE
IS AVAILABLE AS OPTION WITH THE FOLLOWING
DATA:
- COOLANT PRESSURE 40 bar
- MAX COOLANT FLOW 25 l/min
- COOLANT FILTER POWER IN INLET =0.050mm

OTHER RELIESE AS OPTION ON REQUEST.

PRELIMINARY LAYOUT
IT CAN BE MODIFIED BEFORE THE FINAL OFFER

(**) COUPLING PLATE CAN BE PERFORMED ACCORDING WITH CUSTOMER

DESIGNER	DATE	CONTROLLED	DATE	APPROVED	DATE
ERRETI	03/10/19				

DESCRIPTION: TWO INDEXED AXIS ORTOGONAL HEAD

SHEET 1/1

ERRETI MACHINE TOOL SOLUTIONS

ISO | SCALE 1:5 | N. DRAWING TX2 MT OR 1500

By law, we reserve the ownership of this drawing with prohibition to reproduce it and to make it known even in part to third parties.