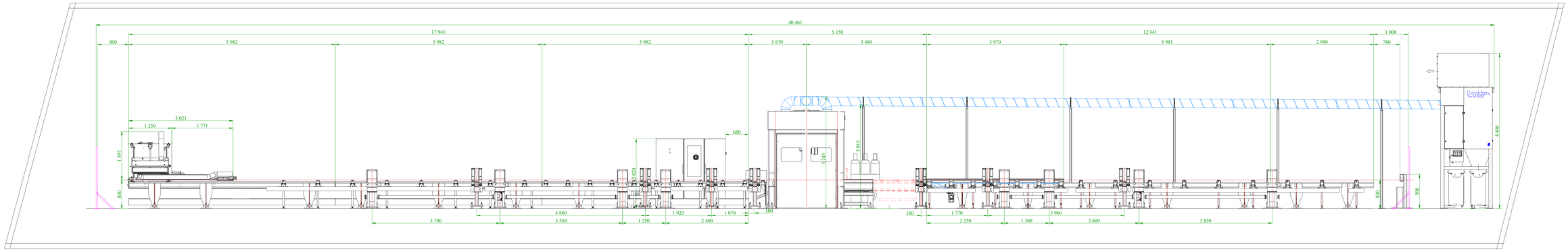
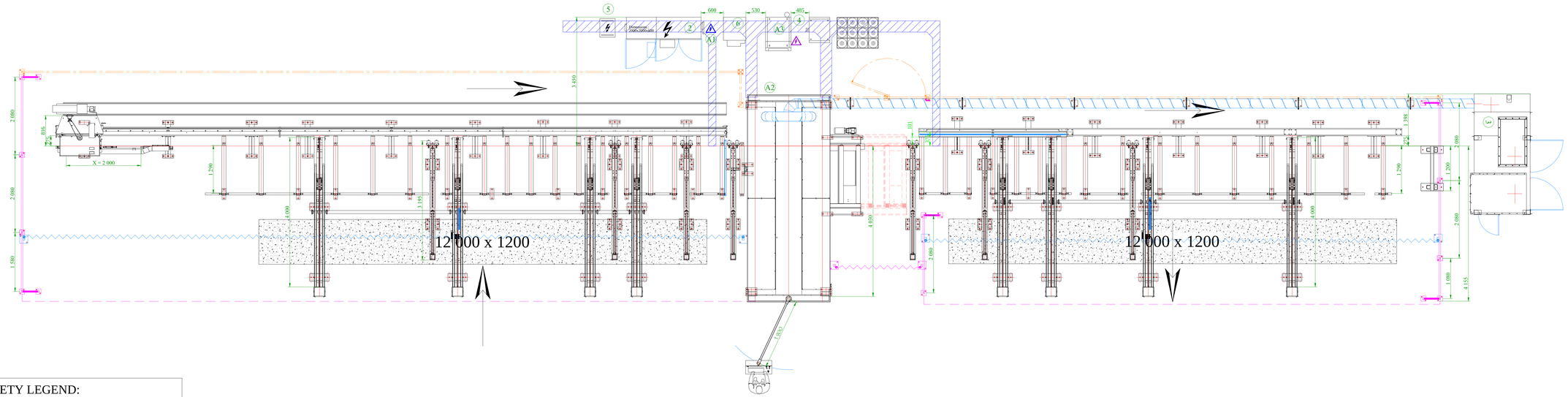


RD-X LINE FRONT VIEW



SAFETY LEGEND:

VERNET BEHRINGER SUPPLY:

- SAFETY FENCE Height 1800 mm (Mesh size 40 x 40 mm).
- Safety fence KICKSTAND
- LIGHT FENCE Height 400-900 mm.
- LIGHT FENCE Height 80-580 mm.

Total length of safety fences supplied by Vernet Behringer: 14.140 M

CUSTOMER SUPPLY

- SAFETY FENCE Height 1800 mm (Mesh size 40 x 40 mm).
- Door 1080 mm Height 1800 mm (Mesh size 40 x 40 mm).
- Marking on the ground accompanying light fences
- Marking on the ground accompanying light fences
- Marking on the ground or other safety device

N°	DESIGNATION
9	
8	
7	
6	ROBOT CONTROL CABINET
5	TRANSFORMER 25 KVA
4	PLASMA SOURCE
3	FUME EXHAUST FILTER
2	ELECTRICAL CABINET
1	CONTROL PANEL

GASEOUS AND ELECTRICAL POWER SUPPLY
(to put in place by the customer)

			Consommation max (en m3/h)	Pressure: (en bar)
GAZ	A1	Electrical input ... kVA... V three phased + Ground ... Hz Ground cable extra length : ... m		
AIR	A2	Pipe inside diameter 10mm, extra ground length: ...m	...	...
	A3	Pipe inside diameter 10mm, extra ground length: ...m	...	...
	A3	Pipe inside diameter 10mm, extra ground length: ...m	...	...
	A5	Pipe inside diameter 10mm, extra ground length: ...m	...	...
O2	A3	Plasma cutting oxygen **: Pipe inside diameter 10mm, extra ground length: ...m	...	...
	A3	Plasma cutting oxygen **: Pipe inside diameter 10mm, extra ground length: ...m	...	...
N2	A3	Plasma cutting nitrogen (for lighting and stainless steel cutting) ** Pipe inside diameter 10mm, extra ground length: ...m	...	...

* according to the supply gas choice (bottle or factory network gas)
** Regulator output or directly from the factory network (consult us to know stainless steel cutting conditions)
*** Filtered smokes discharge insulation to the outside (through siding or roof) SUPPLIED BY THE CUSTOMER

REMARKS OR ANNOTATIONS :

GROUND FASTENING

INPUT BENCH, LATERAL SYSTEMS, MACHINE BLOCK, OUTPUT BENCH, AS WELL AS SAFETY DEVICES WILL BE FASTENED TO THE GROUND THANKS TO MECHANICAL DOWEL PINS "HILTI"
REF: SKA M16/20 x 125 TOTAL QUANTITY : 325.
REF: SKA M16/20 x 145 TOTAL QUANTITY : 0.
- SUPPLIED BY VERNET BEHRINGER -

GROUND QUALITY

GROUND FLATNESS TOLERANCE ± 15 MM, IN CASE OF UPPER DIFFERENCE, CONTACT US

CONCRETE MINI THICKNESS : 250 MM.
CONCRETE QUALITY :

SUPPLY

A2 PNEUMATIC INLET
1m3/Hour pressure 6 bars or 6m3/h slack air at normal atmospheric pressure, length out of the ground : 2m.

ELECTRIC INLET
400V 3 phases + earth (< 20 Ohms otherwise predict a local Earth)
A3 Predict 100 kVA for Plasma source, wire out of the ground : 2m.
A4 Predict 40 kVA for the main control electrical cabinet

Customer is liable for line protection:
A1 *- Overload / Overcurrent / Differential*

INFORMATIONS TO CONFIRM OR SUPPLY, IMPERATIVELY.

CUSTOMER AGREEMENT

DATE :
NAME :
SIGNATURE :
WORKSHOP VOLTAGE : V
WORKSHOP FREQUENCY : HZ

RD-X 1200 CNC

DESIGN INITIATIVE CAN BE MODIFIED WITHOUT NOTICE

Scale: 1/60 0 1M 2M
CUSTOMER N° : 101346
CARRIAGE ON THE LEFT
WORKING LEVEL : 830 mm
USABLE LENGHT : 12 M
OUTPUT BENCH : 12.9 M

VERNET BEHRINGER
ZAE "Capnord" - BP37 423
13 rue de la Brot - F 21074 DIJON
Tel : +33 (0) 380 732 163
Fax : +33 (0) 380 721 534
www.vernet-behringer.com

LAYOUT
DRAWN BY : P. F.
DATE : 26-08-15
VERSION : A