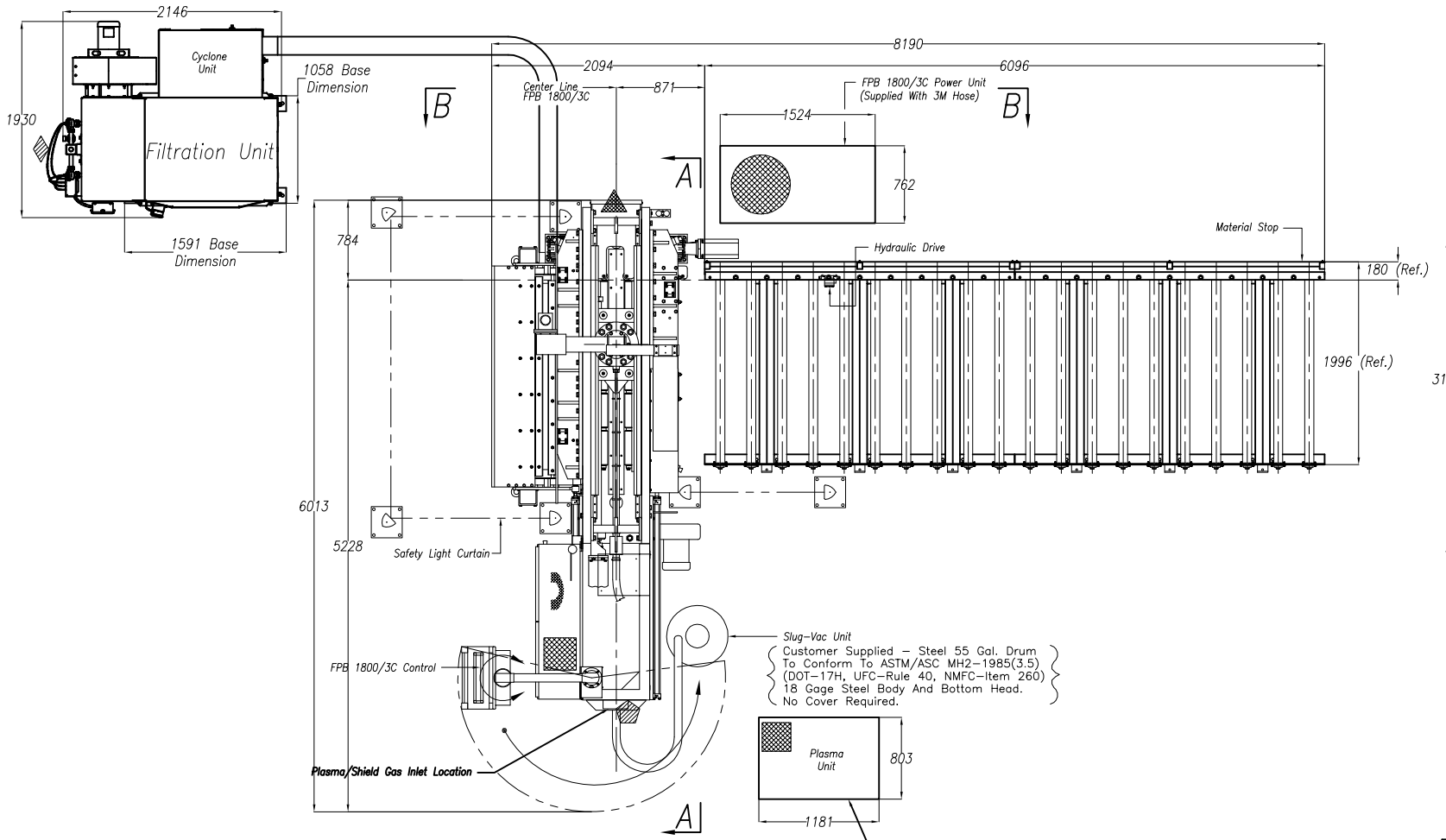
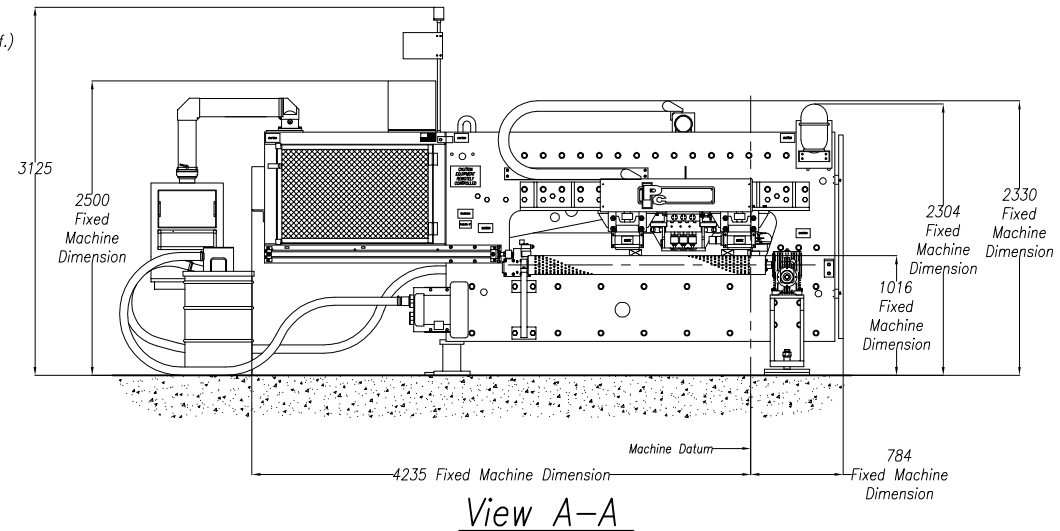
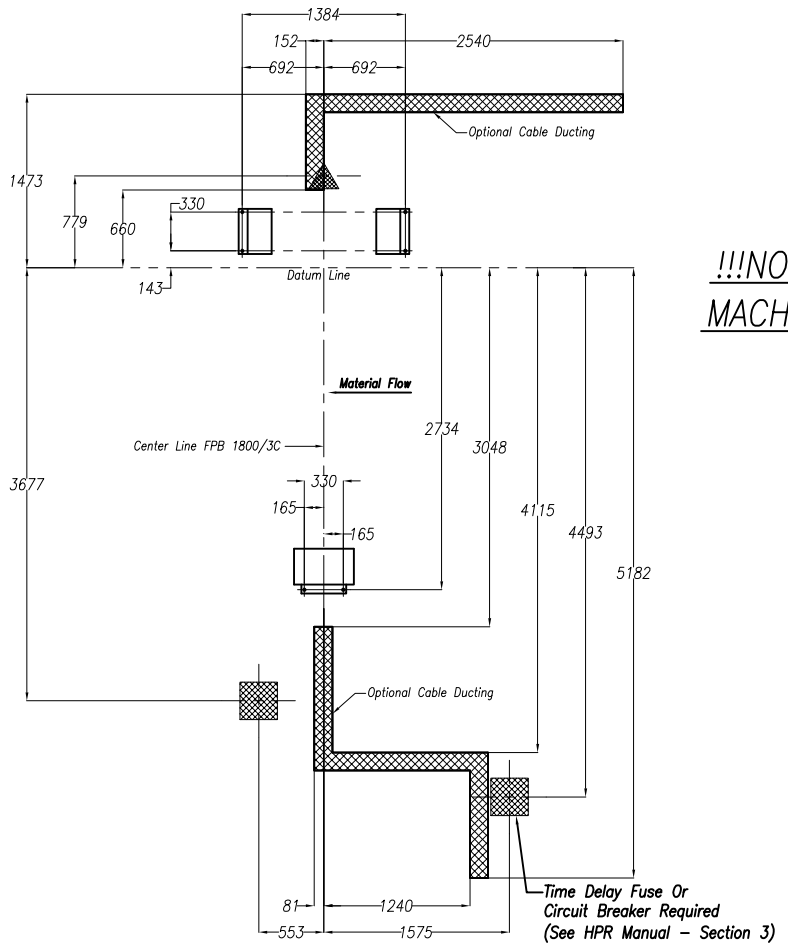




View A–A

MACHINE WEIGHT 15,000 kg

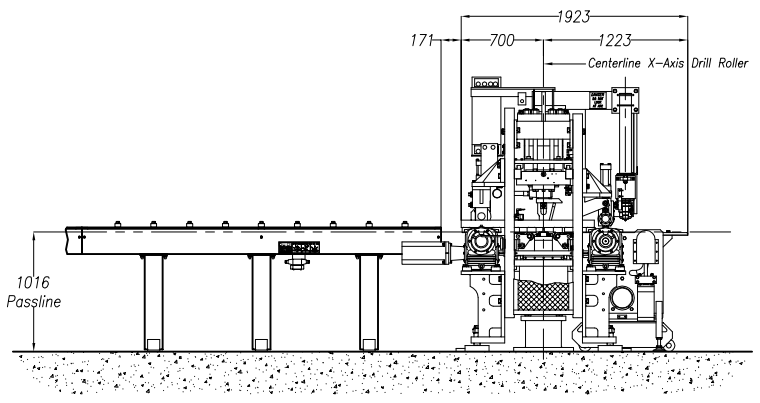
Anchor Bolt & Cable Ducting Layout



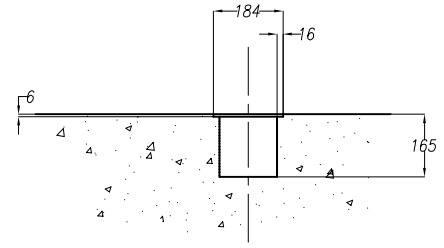
Note: Customer To Determine Cable Ducting Arrangement For Main Power & Air Supplies

C 25/35 x 200mm THICK CONCRETE RECOMMENDED UNDER ALL EQUIPMENT

!!!NOTE: DO NOT DRILL HOLES FOR ANCHOR PLATES UNTIL MACHINE IS IN PLACE AND LEVEL AT FINAL INSTALLATION!!!



View B–B



CABLE DUCT DETAIL

CUSTOMER TO SUPPLY COVER; 6mm THK. X 184mm WIDE
INSTALLED AFTER FINAL FIELD WIRING & PIPING

GAS REQUIREMENTS: HPR 260XD

(Req'd @ Each)

The Following Requirements Are Recommended For Cutting Mild Steel.

PLASMA GAS TYPES:	SHIELD GAS TYPES:
OXYGEN (O2)	AIR
ARGON (Ar)	NITROGEN (N2)

GAS QUALITY:

O2	99.5% PURE, Clean, Dry, Oil-Free (LIQUID GAS RECOMMENDED)
Ar & N2	99.99% PURE, Clean, Dry, Oil-Free (LIQUID GAS RECOMMENDED)
AIR	Clean, Dry, Oil-Free

REQUIRED FLOW RATES & INLET PRESSURES

OXYGEN	8 bar AT 4250 l/hr
NITROGEN	8 bar AT 11610 l/hr
ARGON	8 bar AT 4250 l/hr
AIR	8 bar AT 11330 l/hr

GENERAL NOTES:

1) Passline of FPB 1800/3C Based on 1016mm from Floor-Line
2) Concrete Floor under FPB 1800/3C to be a Minimum of 200mm Thick
3) Total kW for FPB 1800/3C = 56 kW (98 Amps)
   Total kW for HPR 260XD = 52 kW (75 Amps) (See Note On Layout)
4) Primary 400 V., 3 Ph., 50 Hz., [Req'd @]
5) Cutting Oxygen: 7.36 SCMH [Req'd @ each O_2]
6) Acetylene Gas: 0.71 SCMH [Req'd @ each G]
7) Air Requirements: 8.0/8.6 bar, 0.34 SCMM (Without Signoscript Option)
   Air Requirements: 8.0/8.6 bar, 1.42 SCMM (With Signscript Option)
   (12mm NPT Female Connection On Machine) [Req'd @]
8) Torit Dust Collector Air Requirements: 6.2/6.9 bar, 0.28 SCMM [Req'd @]
9) 113.6 L Hydraulic Oil (Mobil DTE #24 or Equal) [Req'd @]
10) Anchor Bolts (Machine & Safety Stands) 20mm Anchor Bolts or Equal [30 Req'd]
11) Anchor Bolts (Conveyors) 16mm Anchor Bolts or Equal [12 Req'd]
12) Anchor Bolts (Safety Barrier) 12mm Anchor Bolts or Equal [4 Req'd]
13) Network/Internet Connection for Data Transfer And Remote Diagnostics [Req'd @]
14) See HPR 260XD Notes for Plasma Requirements

LET.	REVISION/C.N.#	BY	DATE
E			
D			
C			
B			
A			

Peddinghaus Corp.
BRADLEY, ILL. U.S.A.

FPB 1800/3C CNC Plate Punch With Plasma Cutting

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IMPORTANT Safety Note!
Because of the difficulty to effectively guard the full length of the system it is the customers responsibility to prevent access by unauthorized personnel and to provide safe crossing.

DRAWN BY: B. Martin | SCALE: 1 : 30 | DATE:
DRWG. NO.