CLEAN BLAST
INTERNATIONAL LLC

DOCUMENT SUBMISSION

DRAGON

(CHEETAH PFP)

FLAME PROOF PFP COATING SYSTEM



SUBMITTED BY :

CLEAN BLAST INTERNATIONAL (L.L.C)

P.O.Box: 93716,
Dubai Investment Park 2
Dubai - U.A.E

+971 4 884 7344

sales@cleanblast.com

www.cleanblast.com

Manufacture :

Project Name	: FLAME PROOF COATING SYSTEM
Client Name	: Firetrap Chemicals
Consultant	:
End USER	:
Location	: Villa 38 diplomatic area, sheikh zaied Egypt

DOCUMENT TYPE	DATE	REFERENCE	REVISION
Technical Submission For Review & Approval			Rev 0

IMPORTANT NOTE : The machine will be manufactured as flameproof, and an in-house factory certification will be provided along with delivery.
Note: ATEX certification is not included

CLEAN BLAST

DRAGON (CHEETAH PFP)

Passive fire protection High performance airless spray system



CLEAN BLAST

High duty Airless Plural component Passive Fire protection (PFP) spraying equipment This range is specifically designed for seamless applicationIntumescentpaint coating,with modular configuration to operate custom mixing ratios

FEATURES

- I essential measured temperature and pressures, along with analog reference
- gauges n devices are now displayed on panel for smooth operation and monitoring.
- Mixing block and Outlet manifold direct flush option.
- Flush type pressure transmitter to cutoff system in case of unhealthy spray conditions.
- Speed of the agitators controlled as per requirement.
- Special VPR to protect the equipment from voltage surges and fluctuations.
- Individual controlled heaters for material tanks to adjust as per material heating requirements.
- High discharge transfer pumps for efficient transfer of material from pails to individual tanks
- Enhanced high flow inline heaters with individual temperature control
- Double static mixture to ensure precise and 100 % material mixing

ACCESSORIES



APPLICATIONS

- **Fireproof Coating Application System**
  Designed for applying intumescent fireproof coatings with high build and precision.
  Ideal for passive fire protection in structural steel and industrial projects.

TECHNICAL SPECIFICATIONS

PARAMETERS	DRAGON 1:1	DRAGON 2.28:1	DRAGON 2.33:1	DRAGON 2.35:1	DRAGON 2.5:1	DRAGON 2:1
Pressure ratio	73:1	58:1	58:1	58:1	57:1	67:1
Discharge/cycle (th)	302 CC	371CC	377CC	377CC	395CC	339CC
Pump combination	Ø350 - (151/151)	Ø350 - (145-113/113)	Ø350 - (151-113/113)	Ø350 - (151-113/113)	Ø350 - (169-113/113)	Ø350 - (113-113/113)
Max inlet air pressure	6 BAR	6 BAR	6 BAR	6 BAR	6 BAR	6 BAR
Max output pressure	438 BAR	348 BAR	348 BAR	348 BAR	342 BAR	402 BAR
Mixing ratio	1:1	2.28:1	2.33:1	2.35:1	2.5:1	2:1
Supply	415V/3Ø/50HZ	415V/3Ø/50HZ	415V/3Ø/50HZ	415V/3Ø/50HZ	415V/3Ø/50HZ	415V/3Ø/50HZ
Reference intumescent material	Jot char 1709,Carboline3000SP, Carbolinethermo lag-E100,Chartek- 2218	PITT CHAR -NX	PITT CHAR -XP, Chartek 7E, Chartek-1960CSP	Jotun Steel Master 1200HPE	Hempafire XTR 100	Firetex M90/02

Authorized distributor

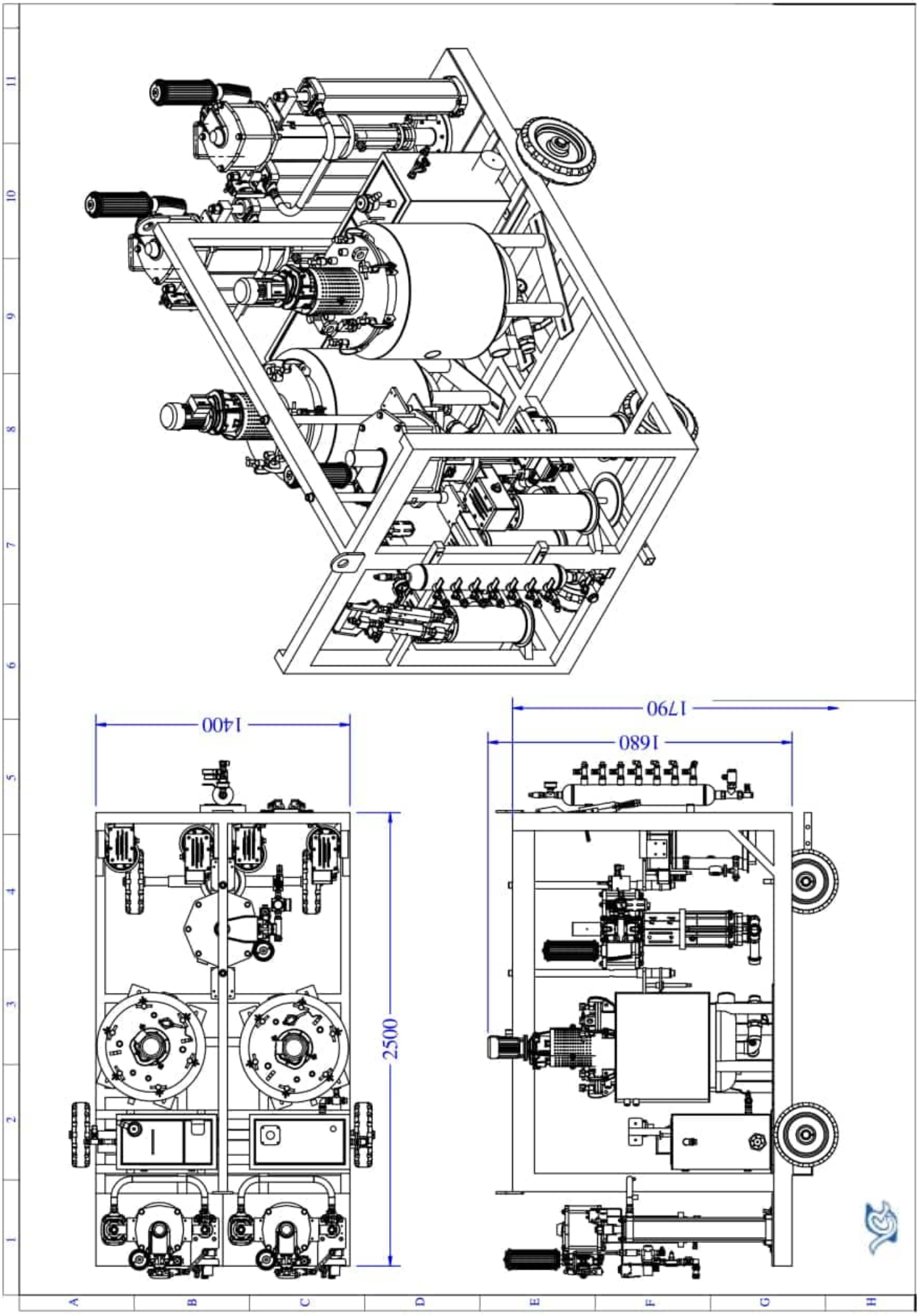
CLEAN BLAST INTERNATIONAL (L.L.C)

P.O.Box: 93716, Dubai Investment Park 2 Dubai - U.A.E

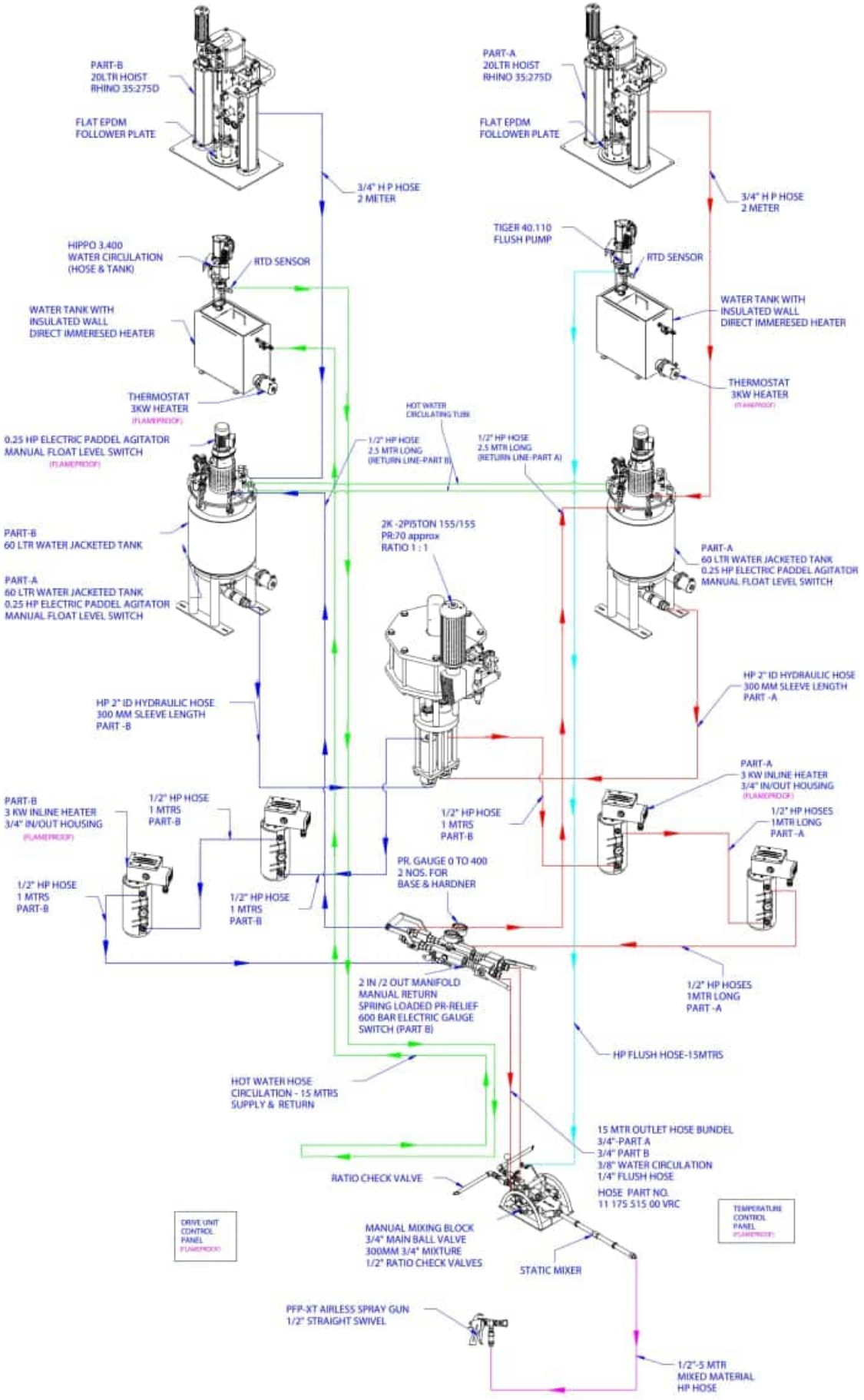
+971 4 884 7344 +971 4 884 7355

sales@cleanblast.com www.cleanblast.com

GENERAL ARRANGEMENT (GA) DRAWING



TYPICAL SYSTEM FLOW DIAGRAM OVERVIEW



PRODUCT IMAGES & ASSEMBLY















APPLICATION & SITE IMPLEMENTATION

PPG
PITT CHAR NX





JOTUN
JOTACHAR JF750 XT





JOTUN
JOTACHAR 1709





International
CHARTEK 2218





HEMPEL
Hempafire XTR 100



