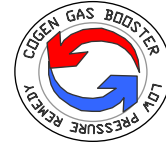


COGEN GAS PRESSURE BOOSTER SYSTEMS

MAPRO INTERNATIONAL S.P.A. ITALY

20054 Nova Milanese - Milano - Italia - via Enrico Fermi, 3tel. +39 0362 366356 -
fax +39 0362 450342, Mob 0039-3396329075, e-mail : mapro@mapro.it , Web : www.maproint.com



NATURAL GAS LOW PRESSURE BOOSTER made in Europe (Italy)

300 M3/h for 2 psi to 8 psi Cost= 6,350 Eurs (Pay Thru TT)

600 nM3/Hr. 2 PSI to 8 PSI, Cost= 10,350 Euros (pay thru TT)

1,000 nM3/Hr. 2 PSI to 8 PSI Cost= 13,350 Euros (Pay thru TT)



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c/o : COGEN SYSTEMS-Engr. Khalid saeed -0300 8287009- E-mail:cogenpak@gmail.com,
 M/S Phoneemail

QOUT #ALLCGS11KS13 Dated: NOV 2013 COGEN: NOV 14-MAPROCGS-600

Quotation : 600 M3/H for 1-2 Mwe Gen

1 NO :600 M3/H -Peripheral Blower @ 100- 500 Mbar, Model: Turobotron G-KW30

As requested we offer you the following blower suitable for Methan Natural Gas:

- . Gas to Handled
- . inlet temperature
- . inlet pressure
- . outlet pressure
- . out flow rate
- . absorber power at shaft
- . Speed of rotation



Gas	METHANE
Deg-C	35 C
mbar	80 Mbar
mbar	500 mbar
NM3/H	1000
KWE	33
rpm	4500

The Supply Will Consist:

machine body, gas-tight version, in a stabilized aluminium alloy with 2 nos. double membrane lip ring in viton on the shaft, sealing silicone rubber between the casing halves and impregnation treatment of machine casing halves

Pressure switch on the Gas inlet Side -Ex-d Protection

Gas Filter on inlet side, with Filter Element in Stainless Steel.

Belt and pulley drive with relevant safety protection in spark proof material

Base Frame in Carbon Steel, Total Equip Size LxWxH = 745x1670x1020 mm, Weight = 450 Kg

Electric Motor, 2 Pole, - 45 Kwe ,400 Volt, 50 Hz, IP55 - Shape B3, Ex-d-Protect

Assembling, Testing and Painting (RAL - 5010) according to our standard

applicable directives: ATEX" 94/9/EC, "machines" 2006/42//EC, "low voltage" 2006/95/CE, "electromagnetic compatibility" 2004/108/CE

B	Booster F.O.B with Motor Belt Pulley Cover F.O.B -Ex work-Italy	Euros	9,400
C	Shipment cost for CIF Karachi Sea Port	Euros	950
	Total price CIF Karachi Port (Payment thru TT transfer NO L/C)	Euros	10,350
	If Payment thru L/S, pay L/C Opening charges additiuonal	Euros	400
	Total price CIF Karachi Port (Payment thru TT transfer NO L/C)	Euros	10,750

	Optional / Provisional Items (locally arranged)		
D	Local ARRANGED 45 kwE Motor Variable Frequenncy Drive with control Panle wiring	Pak Rs.	400,000
E	Local Dealer's Design Engg + Site Supervision + Testing Commissioning , 50%	Pak Rs.	100,000

Conditions of sale :

Packing : Included in the price Offer Validity: 30 days from submittal

Delivery : 30 Work days from receipt of order(100% Clean L/C)

Payment: in Advance before delivery ex works. F.O.B or CIF Karachi Pak.

Note: for local peripheral piping design, installation , Material,Safeties to be advised by cogen



ISO 9002 - Cert. n. 1835

Valter Massari CEO
 Mapro International Spa Italy

Engr. Khalid Saeed (CEO)
 Cogen Systems Karachi Pakistan

COGEN GAS PRESSURE BOOSTER SYSTEMS

MAPRO INTERNATIONAL S.P.A. ITALY

20054 Nova Milanese - Milano - Italia - via Enrico Fermi, 3tel. +39 0362 366356 ,
 Fax +39 0362 450342 Mob 0039-3396329075,e-mail : mapro@mapro.it ,cogenpak@gmail.com,Web :



m/s

QOUT #ALLCGS11KS13

Dated: NOV 2013

COGEN: NOV 14-MAPROCGS-600

Quotation : 1000 M3/H for 2 - 3 Mwe Gen

1 NO -1000 m3/H -Peripheral Blower @ 100- 500 Mbar, Model: Turobotron G-KW45

As requested we offer you the following blower suitable for Methan Natural Gas:

- . Gas to Handled
- . inlet temperature
- . inlet pressure
- . outlet pressure
- . out flow rate
- . absorber power at shaft
- . Speed of rotation



Gas	METHANE
Deg-C	35 C
mbar	80 Mbar
mbar	500 mbar
NM3/H	1000
KWE	33
rpm	4500

The Supply Will Consist:

machine body, gas-tight version, in a stabilized aluminium alloy with 2 nos. double membrane lip ring in viton on the shaft, sealing silicone rubber between the casing halves and impregnation treatment of machine casing halves

Presure switch on the Gas inlet Side -Ex-d Protection

Gas Filter on inlet side,with Filter Element in Stainless Steel.

Belt and pulley drive with relevant safety protection in spark proof material

Base Frame in Carbon Steel, Total Equip Size LxWxH = 745x1670x1020 mm, Weight = 450 Kg

Electric Motor, 2 Pole, - 45 Kwe ,400 Volt, 50 Hz, IP55 - Shape B3, Ex-d-Protect

Assembling, Testing and Painting (RAL - 5010) according to our standard

applicable directives: ATEX" 94/9/EC, "machines" 2006/42//EC, "low voltage" 2006/95/CE, "electromagnetic compatibility" 2004/108/CE

B	Booster F.O.B with Motor Belt Pulley Cover F.O.B -Ex work-Italy	Euros	12,400
C	Shipment cost for CIF Karachi Sea Port	Euros	950
	TOTLA PRICE C.I.F KARACHI IN EUROS	Euros	13,350
	If Payment thru L/S, pay L/C Opening charges additiuonal	Euros	400
	Total price CIF Karachi Port (Payment thru TT transfser NO L/C)	Euros	13,750
	=====		
	Optional / Provisional Items (locally arranged)		
D	Local ARRANGED 45 kwe Motor Variable Frequenncy Drive with control Panle wiring and Pressure Transmitters cost about	Pak Rs.	400,000
E	Local Dealer's Design Engg + Site Supervision + Testing Commissioning , 50% Advancc , 50% after Commissioning testing + Training	Pak Rs.	100,000

Conditions of sale :

Packing : Included in the price

Delivery : 30 Work days from receipt of order(100% Clean L/C)

Payment: in Advance before delivery ex works. F.O.B or CIF Karachi Pak.

Offer validity : 30 days

Note: for local peripheral piping design, installation , Material,Safeties to be advised by cogen systems- our Local representative/Dealer on contract bases, customized design seperately.



ISO 9002 - Cert. n. 1835

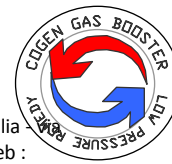


Valter Massari CEO
 Mapro Intl Spa Italy

Engr. Khalid Saeed (CEO)
 Cogen Systems KHI Pak

CoGen System's Low Gas Pressure Booster MAPRO International SpA Italy

Local Dealer Address :MB75-Korangi Industrial Area Sector #15, Karachi-75500
Postal Address# 111-A/2, 3rd. Street, Phase-6, Kh-e-Muhafiz, DHA, Karachi-75500, Pakistan, Ph-0092021035340068 , 35340071, Mob 0300 8287009, 0302-8287009, Mapro#20054 Nova Milanese - Milano - Italia Enrico Fermi, 3, tel. +39 0362 366356 - fax +39 0362 450342 , Mob 0039-3396329075 , e-mail :cogenpak@gmail.com, web : www.maprint.com,



MAPRO QOUT #13/4053/M Dated:dec-2-13 Ccogenpak@gmail.com, 0300 8287009

Quotation : 300 M3/H for 0.5 - 1 Mwe Gen

1 NO - 300 M3/Hr - Side Channel Blower Type CL 42/21 G Kwe 15

As requested we offer you the following blower suitable for Methan Natural Gas:

Conditions of sale :

- . Gas inlet temperature ambient
- . Gas inlet pressure
- . Gas outlet pressure
- . Gas out flow rate
- . Electric Absorber power at shaft
- . Gas Booster Speed of rotation



Gas	METHANE
Deg-C	35 C
mbar	80 Mbar
mbar	500 mbar
NM3/H	600
Kwe	10.5
rpm	3350

The Supply will include / Consist:

Blower body, Gas-tight version, in a stabilized Aluminium Alloy with Double membrane Lip ring in viton on the shaft and Sealing Silicone Rubber between the Casing Halves ,Impregnation treatment of machine casing halves,flanges elbows on both inlet &outlet side,

LO-GAS PRESS SWITCH-EXPLO -PROOF on the Gas inlet Side -Ex-d Protection (Motor Shut off on Lp 80mbar)

HI- GAS PRESS SWITCH- EXPLO-PROOF on the Booster discharge (Motor Shut off on Hi-Hi , more then 500 mbar)expl proof

GAS FILTER - SS316 MESH ELEMENT - Gas Tight at blower suction,

FLEX COUPLING, with relevant safety guiard in spark proof material

ELECTRIC MOTOR- 2 pole,15 Kwe, IP-55, 4000V/690, Class-F Insulation, Shape B14, Expo proof Eex-d II-B T3

BASE FRAME :in Carbon Steel, Total Equip Size LxWxH = 745x1670x1020 mm, Weight = 400 Kg

Assembling, Testing and Painting (RAL - 5010) according to our standard

applicable directives: ATEx" 94/9/EC, "machines" 2006/42//EC, "low voltage" 2006/95/CE, "electromagnetic compatibility" 2004/108/CE+B78, instruction manual in ENGLISH,

Descriptions	UNITS	AMOUNT
Booster F.O.B with Motor Belt Pulley Cover Ex work-Italy	Euros	5,450
Shipment Cost for CIF Karachi Sea Port	Euros	900
TOTLA PRICE C.I.F KARACHI IN EUROS WHEN PAID THRU TT SWITFT TRANSFER (NO L	Total	6,350
IF PAYMENT ISD THRU L/C , THE LC OPENING ADDITIONAL CHARGES ARE	EUROS	400
TOTAL IMPORTED ITEMS COST WHEN PAID THRU L/C	Euros	6,750
LOCAL SERVICES Optional / Provisional Items		
SWITCHING CINTROL PANEL FOR 15 KWE ELECTRIC MOTOR WITH VFD,: Variable Fresquency Drive, Gas Pressure Sensing & Tranmitters 0-1000 mbar adjustable,Panel assembly testing commissioning.	Pak Rs.	325,000
Cogen Systems (Local dealers) Installtion design assistance testing Commissioning, top supervision, 50% Advanca , 50% after Commissioning testing + Training	Pak Rs.	100,000
Out of Karachi Travelling arrangemtn TA & DA to be arranged by Client		by client

Conditions of sale :

Packing : Included in the price Offer Validity: 30 days

Delivery : 30 Work days from receipt of order(100% Clean L/C)

Payment: thru TT , 100% in Advance with Purchase Order, Delivery CIF Karachi Pakistan.

Note: for local peripheral piping design, installation , Material,Safeties to be advised by cogen systems- our Local representative/Dealer on contract bases customized design seperately

Valter Massari CEO

Mapro International Spa




Engr. Khalid Saeed (CEO)

Cogen Systems Karachi Pakistan

MAPRO INTERNATIONAL S.p.A.
20054 Nova Milanese - Monza e Brianza - Italia - via Enrico Fermi, 3
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e-mail. mapro@maproint.com web. www.maproint.com



CE KONFORMITÄTSEKHLÄRUNG
DECLARATION OF CONFORMITY
Gemäß Richtlinie 94/9/CE "ATEX"
According to Directive 94/9/CE "ATEX" 

MAPRO INTERNATIONAL S.p.A.
Via Enrico Fermi, 3 - 20054 - NOVA MILANESE (MB)
ITALY - ITALIEN

Produktgruppe Equipment-group₁
Produktkategorie Equipment category₂
Typ der explosiven Explosive atmosphere type₃
Gasgruppe Gas group₁₁
Temperaturklasse Temperature class₁₃
Techn aktenzeichen Technical file N.949-TBT
Nr. der hinterlegungsquittung Deposit receipt No. A31040778R

Responsabile Tecnico / Technical Manager
Carmine Maddalena

Nova Milanese,



für das die Konformitäts-Festsetzungsprozedur
gemäß Anhang VIII durchgeführt wurde,
*for which the conformity assessment procedure as
per Annex VIII has been carried out,*
mit der Richtlinie 94/9/EC übereinstimmt. Dies gilt
sowohl für die Bedingungen der inneren
Bestandteile, als auch für die Bedingungen der
umgebenden Zone für:
*is in compliance with the Directive 94/9/EC, both
for its inside and the surrounding area conditions,
for:*



COMMERCIAL & IMPORT DATA

OPEN SPLIT TT TO AVOID L/C DOCUMENTATION & EXTRA EXPANSES & COST

e.g 10,350 Euros the Payment shall be in tthru TTs 5,000 & 5,350 Euros

SEND THE PAYMENT AFTER RECEIEVING OFFICAL PROFORMA INVOICES

BENEFICIARY : MAPRO INTERNATIONAL SPA

UBI – UNIONE BANCHE ITALIANE

BANCA POPOLARE DI BERGAMO -SWIFT/BIC : BLOPIT22 -IBAN : IT97 105428 33460 00000000047

IBAN : IT97 105428 33460 00000000047



**GAS PRESSURE
BOOSTER BLOWER 1
TO 8 PSI**



