



OUR STORY.

## A LOOK TOWARD THE FUTURE



Engineering and assembly of compression plants, prefabricated piping, auxiliary systems, and containerized solutions for global energy markets.

High-efficiency integrated solutions for Biogas and Biomethane Compression

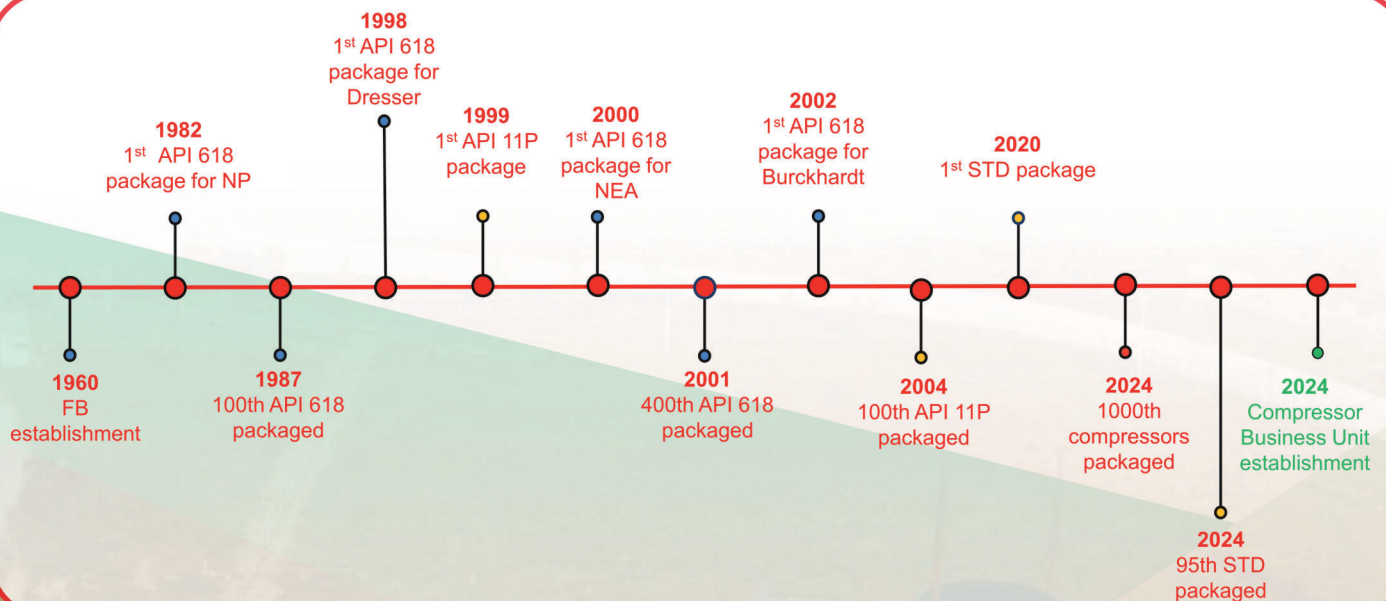
**Italian-made, turnkey solutions**



# OVER 60 YEARS OF OPERATION AND MORE THAN 2,000 EQUIPMENTS INSTALLED WORLDWIDE

Founded in the 1960s as F.B. Fratelli Balboni and later ITMI, the Company specializes in the construction of systems for the petrochemical, steel, gas and water treatment and food sectors, operating internationally with multiple certifications, including ISO 9001:2015 and ASME "U" STAMP.

The technological solutions offered to clients, thanks to extensive hands-on experience, enable the production of mechanical assemblies, pressure equipment, electro-instrumental and pneumatic systems of high construction quality and with a high level of customization.

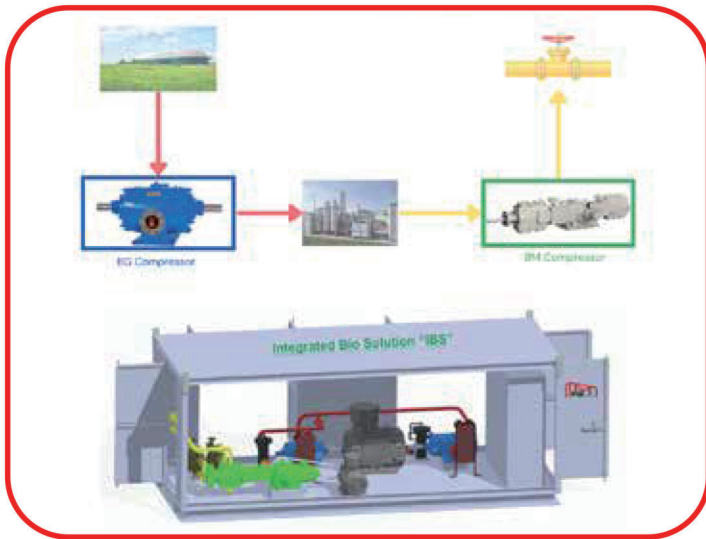


## COMPRESSION PACKAGES RANGE OF PRODUCTS

- Centrifugal compressor packages API 617 / non API
- API 672 Centrifugal compressor packages
- Screw compressor packages API 619 / non API
- Reciprocating compressor packages for CNG application
- Seal gas panels
- Gas treatment plants
- Reciprocating compressor packages API 618 / non API
- Liquid ring compressor packages
- Lube oil units API 614 / non API
- Cooling water units
- Piping prefabrication

# A LOOK TOWARD THE FUTURE

## HIGH-EFFICIENCY INTEGRATED SOLUTIONS FOR BIOGAS AND BIOMETHANE COMPRESSION




### FROM BIOGAS TO BIOMETHANE: COMPRESSION IN A SINGLE INTEGRATED SOLUTION "IBS"

Thanks to high-value technological Partners, F.B. S.p.A., with its new Compressor Business Unit, is able to provide integrated solutions with high efficiency and energy savings for the compression of biogas and biomethane. It confirms its role as a leader in innovation for these sectors by completing the wide range of highly customized solutions available to the customer.





## OUR TECHNOLOGY PARTNERS

### ROTARY VANE COMPRESSOR



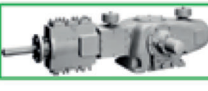
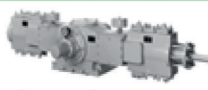
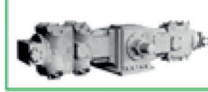
Model summary							
	MAWP (barg)	Inlet Flow range (Sm <sup>3</sup> /h)		Power rang (kW)		Operating speed range (RPM)	
		Min	Max	Min	Max	Min	Max
LP Series	5.5	8	4277	11	309	275	2200
HP Series	10.3	8	849	72	356	275	1465
HP Series	13.8	8	495	72	336	380	1465

#### Common Applications:

 Tank VRU Flare Gas Recovery Casing Gas Collection	 Digester Gas Landfill Gas Waste Water Treatment	 Condenser Service Vacuum Chilling Vacuum Stripping	 Syngas Butadiene Hydrogen Recovery
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### RECIPROCATING COMPRESSOR



Model summary		
Outlet pressure	Flow rate @10 barg Inlet (Scmh)	Electric motor size (kW)
 25 barg	0-160	15
	0-280	15
	0-540	22
	0-750	30
	0-100	37
 55 barg	0-160	22
	0-280	22
	0-540	37
	0-750	55
	0-100	75
 75 barg	0-160	22
	0-280	30
	0-540	45
	0-750	75
	0-100	90

**Modeli TP & EAGLE** caratteristiche generali  
 da uno a sei stadi di compressione  
 da 10 a 1200 kw di potenza  
 da 0.2 bar a 350 bar pressione operativa  
 conformità alle API 618  
 tecnologia OIL-FREE dal 1998 con distanziale tipo B  
 distanziale tipo C per applicazioni H2  
 Cilindri raffreddati ad aria  
**CH4, C2H6, C3H8, CO, CO2, N2, H2, Gas mix**

TP & EAGLE SERIES	SPECIAL FEATURES
Single Stage to 6 Stage Compressors	Oil-Free Compressors
20 HP to 1600 HP Power	Double Distance Piece Designs
5000 psi / 350 bar Oil - Free Compressors	API 618 Compliance
Low Inlet Pressures up to 3 psi / 0.2 bar	Non-Cooled Cylinders with Low Discharge Temperatures
For Process and Cylinder Filling Applications	



COMPRESSOR SKIDS  
LUBE OIL UNITS  
COOLING WATER UNITS  
GAS SEAL PANEL  
CONDITIONING SKIDS  
PRESSURE VESSELS  
PIPING PREFABRICATION

BIOGAS COMPRESSION SYSTEMS  
BIOMETHANE COMPRESSION SYSTEMS  
INTEGRATED BIO SOLUTION "IBS"

*Our Passion, Your Success!*

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