



Series

SB

Piston Compressors Low Pressure
for Pneumatic Conveying





EXPERIENCE



In the BETICO GROUP, national leader in the manufacture and sale of compressors since 1925, we design and manufacture top quality air compressors.

Our SB range of low pressure compressors is specially designed for the quick and practical transport of granular and powdery products. Our know-how, recognised quality, tried-and-tested reliability and an exceptional after-sales service, have lent BETICO compressors prestige which is hard to beat.

DESIGN AND TECHNOLOGY

Continuous investments in R&D, allocated to coming up with new ideas, and the use of the most advanced computer-aided design systems, allow us to be at the forefront of the compressed air industry and to seek new ways of satisfying the changing needs of an increasingly more sophisticated industrial fabric which pursues efficiency and energy savings

Series SB

SINCE 1925
IN THE BETICO GROUP,
WE HAVE DESIGNED AND MANUFACTURED
TOP QUALITY COMPRESSORS.



TOTAL QUALITY

The ISO-9001 TOTAL QUALITY MANAGEMENT SYSTEM certifies the facilities in our factory in Vitoria, in addition to our manufacturing processes and all the companies comprising the BETICO GROUP. This guarantees total quality in the design, development, production and technical and commercial support of all BETICO compressors.

To meet this objective we work with continuous improvement systems which have been assimilated by all staff.



RELIABILITY AND PROFITABILITY

COMPRESSOR
SB-D

DRIVEN BY
DIESEL ENGINE



Engine-compressor set, completely autonomous, directly driven by diesel engine, flanged to the compressor, forming a robust and compact set.

It is equipped with a switch panel, battery with safety lock, diesel tank, frame, body, etc.

MOUNTING FLEXIBILITY AND EASE

BELT DRIVEN



Compressor with steering wheel puller to be driven by the lorry power take-off.

This compressor has to be mounted at the top of the tractor unit frame. Its installation is extremely easy since the compressor merely has to be attached to the lorry frame, a pulley fitted in the lorry power take-off which is then joined to the compressor using belts.



DRIVEN BY HYDRAULIC MOTOR



Engine-compressor set, directly driven by hydraulic motor, forming a robust and compact set. Equipped with a cooler to cool the oil in the hydraulic circuit and with a fan driven by the compressor crankshaft.

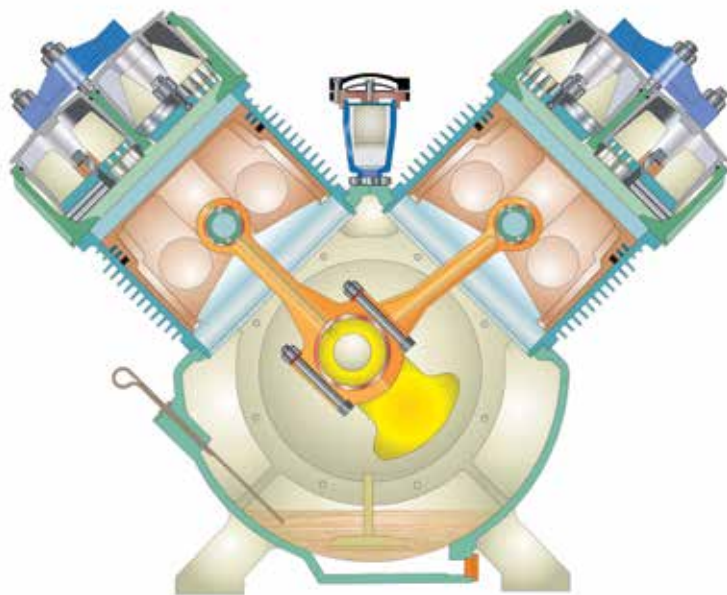
This is the ideal solution when requiring a good ratio between autonomy and weight if the lorry is equipped with a pump.

DRIVEN BY ELECTRIC MOTOR



Engine-compressor set driven directly by electric motor flanged to the compressor. Equipped with a control system and can be equipped with a regulation system to work over long periods at a constant operating pressure. This is the best solution for a permanent installation with electric outlet at the offload point.

LOW PRESSURE SB COMPRESSORS



The excellent quality of the materials used enables working for thousands of hours with no maintenance other than changing the oil, in spite of small quantities of aggregate entering via the air inlet filters.

Thanks to its modular design there is a suitable model for each of the requirements posed by the pneumatic transport of the following products:

- Cement
- Plaster
- Sand
- Borax, etc.

In general for all kinds of pneumatic transport where small quantities of oil in the compressed air are permissible

Low pressure SB compressors with lubrication pump.

Low pressure SB compressors
Compressors in the SB series are single stage piston machines. Due to their simple and robust design they are the most suitable for the transport of aggregates

TECHNICAL CHARACTERISTICS

MODEL	SPEED r.p.m.	FLOW ROTATE m ³ /min	PRESSURE Br	MOTOR	CONSUMPTION Kw	DIMENSIONS Lmm x Amm x Hmm	WEIGHT kg
P.T.O. DRIVEN							
SB-1	1.000	5,8	2		15,4	1.070x625x790	230
SB-1	1.500	8,7	2		24,2	1.070x625x790	230
SB-2	1.000	7,4	2		20,6	1.070x625x798	230
SB-2	1.200	8,8	2		24,7	1.070x625x798	230
DRIVEN BY DIESEL ENGINE DEUTZ							
SB-D-(C.E.E.)	1.800	8,9	2	D2011L04i	24,3	1.450x980x1.144	680
SB-D ⁽¹⁾	1.800	8,9	2	F4L-2011	24,3	1.450x980x1.144	680
SB-3D	1.500	14,6	2	F6L-912	48,4	2.180x1.220x1.300	1.200
DRIVEN BY HYDRAULIC MOTOR							
SB-1H	1.800	10,4	2		28	1.081x1.070x860	350
DRIVEN BY ELECTRIC MOTOR 50 HZ							
SB-10	1.000	5,8	2	18,5	15,4	1.455x1.070x885	480
SB-15	1.500	8,7	2	30	24,2	1.455x1.070x885	460
SB-20	1.000	7,3	2	22	20,6	1.455x1.070x890	520
SB-30	1.000	11,6	2	37	30,5	1.870x1.220x990	800
SB-35	1.500	17,4	2	55	48,4	1.870x1.220x990	760
SB-40	1.000	14,6	2	45	40,4	1.870x1.220x995	875
DRIVEN BY ELECTRIC MOTOR 60 HZ							
SB-10	1.200	7,0	2	18,5	18,5	1.455x1.070x885	480
SB-20	1.200	8,7	2	30	24,7	1.455x1.070x890	560
SB-30	1.200	13,9	2	37	36,6	1.870x1.220x990	800
SB-40	1.200	17,5	2	55	48,5	1.870x1.220x995	850

(1) Only for export outside the EEC.





Series
SB



COMMITMENT
TO EFFICIENCY

GIVEN THE CONTINUOUS EVOLUTION OF OUR PRODUCTS, THE DATA IN THIS CATALOGUE COULD BE CHANGED WITHOUT PRIOR NOTICE, AS SUCH, NONE OF THE DATA CONSTITUTE A COMMITMENT OR GUARANTEE FROM MIGUEL CARRERA Y CIA., S.A.