



B.F.E. S.r.l.
BONNEY FORGE

*HEAD OFFICE • SALES OFFICE
FORGED VALVE PLANT*

*Via Tonale, 70/A - 24061 Albano S. Alessandro (BG) Italy
Phone 0039 035 584.111 - Fax 0039 035 583.022
e-mail: sales@bfe.it - web site: www.bfe.it*

Last updating 11-01-2016

BFE EQUIPMENT LIST

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PRODUCTION CAPACITY



R&G Valve™



FORGINGS PLANTS
*Via Giovanni Segantini, 16
23842 Bosisio Parini (LC)
Phone 031.865.434 - Fax 031.866.247*

**SEDE LEGALE
REGISTERED OFFICE**
*Via Albricci, 8
20122 MILANO*

*Reg. Impr. Trib. di Milano 02750770212
Cap. Soc. € 37.000.000 i.v.
REA C.C.I.A.A. Milano 2011864
C. F. - P. IVA - V.A.T. IT - 02750770212*



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B.F.E. S.r.l.
"BOSISIO" FORGING PLANT
Via Giovanni Segantini 16
23842 Bosisio Parini (LC)
ITALY

Total area: 14.000 m²
Covered area: 3.620 m²

PRODUCTION EQUIPMENT

		Capacity
1	1000 TON Press	180 Ton month
1	1600 TON Press	180 Ton month
1	2000 TON Press	290 Ton month
1	4000 TON Press	350 Ton month
4	Induction furnace 400 kW to 1200 kW	Related to the Press
2	Billet shears up to 110mm square	90.000 pcs month each
7	Automatic bar sawing machine	25.000 pcs month each
1	Blasting equipment	150.000 pcs month

HOISTING EQUIPMENT

5	Crane (max. 4 Ton)
7	Forklift (max. 5 Ton)

INSPECTION EQUIPMENT

1	PMI Analyzer (Niton)
4	Digital Pyrometer

Note: max capacity external qualified forging shops 27.000 Kg, L 8000, W 2500, H 2500 mm)



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B.F.E. S.r.l.
"ALBANO" FORGED VALVE PLANT
Via Tonale, 70/A
24061 Albano S. Alessandro (BG)
ITALY

Total area: 51.150 m²

Covered area: 24.800 m²

Work-load (average): 120.000 pcs per month

PRODUCTION EQUIPMENT (Max machined size: 27.000 Kg, L 2400, W 1800, H 2300 mm)

3	Transfer machines	100.000 pcs month
12	Machining centers	3.500 pcs month
41	CNC lathes	27.000 pcs month
17	CNC drilling centers	50.000 pcs month
10	Traditional lathes, mill, polishing	-
2	Heat treatment induction	-
5	Laser machine for labels	230.000 pcs month
1	Vertical CNC Lathe	50
7	Automatic machining centre for bonnet	45000
6	Working Robotic Isle	40000

INSPECTION EQUIPMENT

2	Liquid penetrant test equipment
3	Dark rooms for PT or MT
2	Magnetic test equipment [Magiscop 3000]
1	Magnetic test equipment (Joke) with inspection box
1	Dark room for x-ray films interpretation
28	Hydraulic & Pneumatic test equipment
5	Helium test equipment [PPM]
2	Vacuum Helium test equipment
8	Cryogenic Test Bench (-196°C)
8	Fugitive emission gas Test Bench
2	API gas Test Bench
6	API gas Test line (in pool)
20	Gas console (1800 bar)
2	High pressure bunker
1	Nitrogen GAS unit generator (500 N m ³ /hour – 420 BAR)



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LAB AND TEST EQUIPMENT

2	PMI analyzer arc/spark [Spectrotest CCD]
2	PMI analyzer x-ray [Niton]
1	CV value test equipment
2	Heating cycle test equipment
1	Portable digital hardnessmeter [Equotip]
3	Hardness test equipment
3	Roughness test [Mahr/Mitutojo]
4	Painting thickness inspection [Namicon/Elcometer/Fisher]
1	3D Tridimensional machine [Mitutojo]
4	Surface Roughness Measuring instrument
1	Ferrite measuring instrument Ferritescope [Fischer]
1	Ultrasonic thickness Measurement Gauge [GE]
1	Profile Projector
1	Nuclear Radiation Monitor
1	Measuring Flatness with an optical flat and monochromatic light
1	Densitometer
2	Negativescope (X- ray film viewer)

WAREHOUSE

16	Automatic vertical storehouse capacity 33.750 Kg each
1	Automatic storehouse for picking (5.360 box)
1	Automatic storehouse for picking (234 box)

HOISTING EQUIPMENT

38	Crane (max. 10 Ton)
27	Forklift (max. 3 Ton)



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TECHNICAL DPT SOFTWARE

One SpaceDesigner (2D) by PTC
AutoCad by Autodesk
CAD 3D Solid Works by Dassault Systèmes
Cosmos Works (FEM analysis) by Dassault Systèmes
Cosmos FloWorks (fluid mechanics - CFD) by Dassault Systèmes
SAP (CAD ProductDataManager)
Microsoft Visual Basic Express Edition (VB Applications)
AS400 (ERP)

BFE MANAGING SOFTWARE

AS400 (all dpt)
SAP - PDM (all dpt)
Documentazione Qualità (HTML intranet quality program)
Lotus Notes (mail database)



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