BDF DIGITAL

Industrial Automation

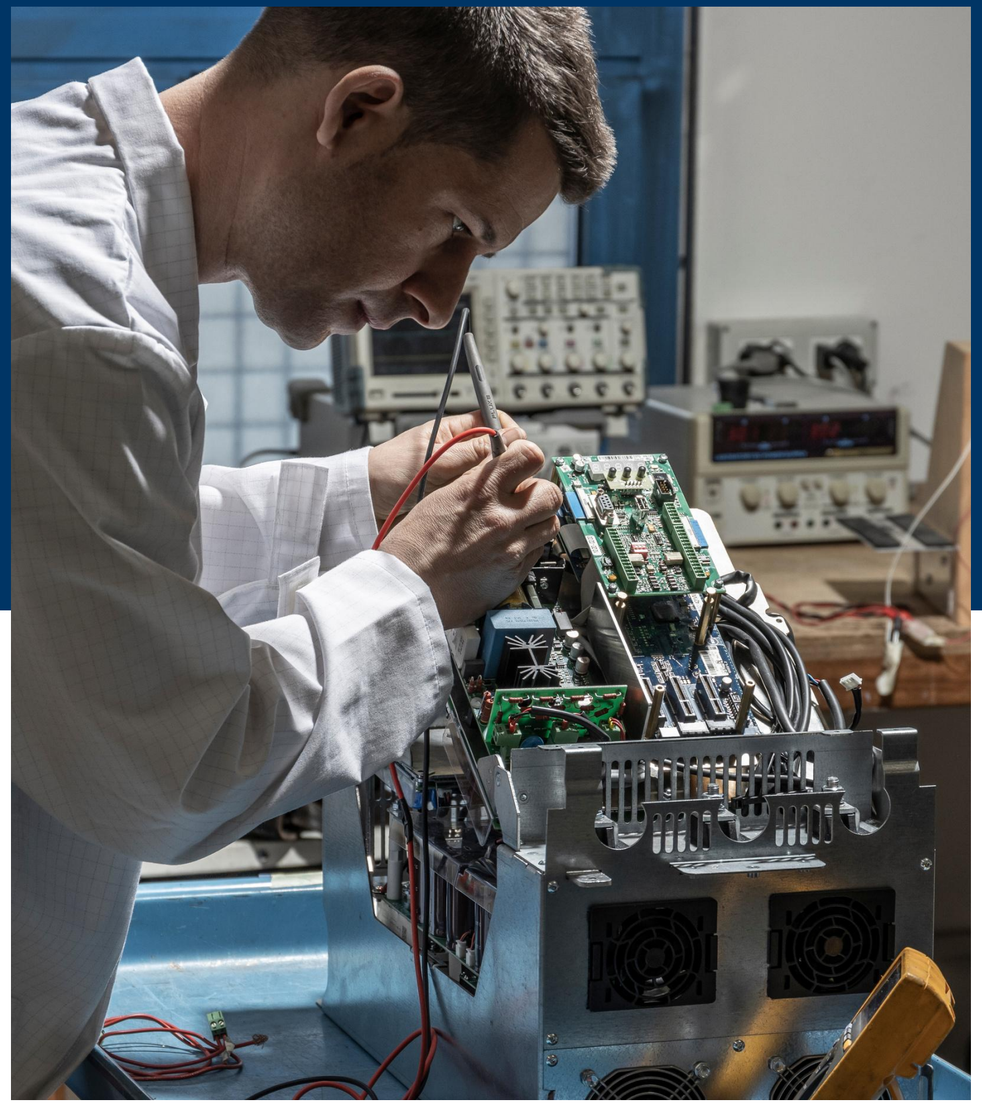
OPDE Plus Drives

www.bdfdigital.com



1. Company

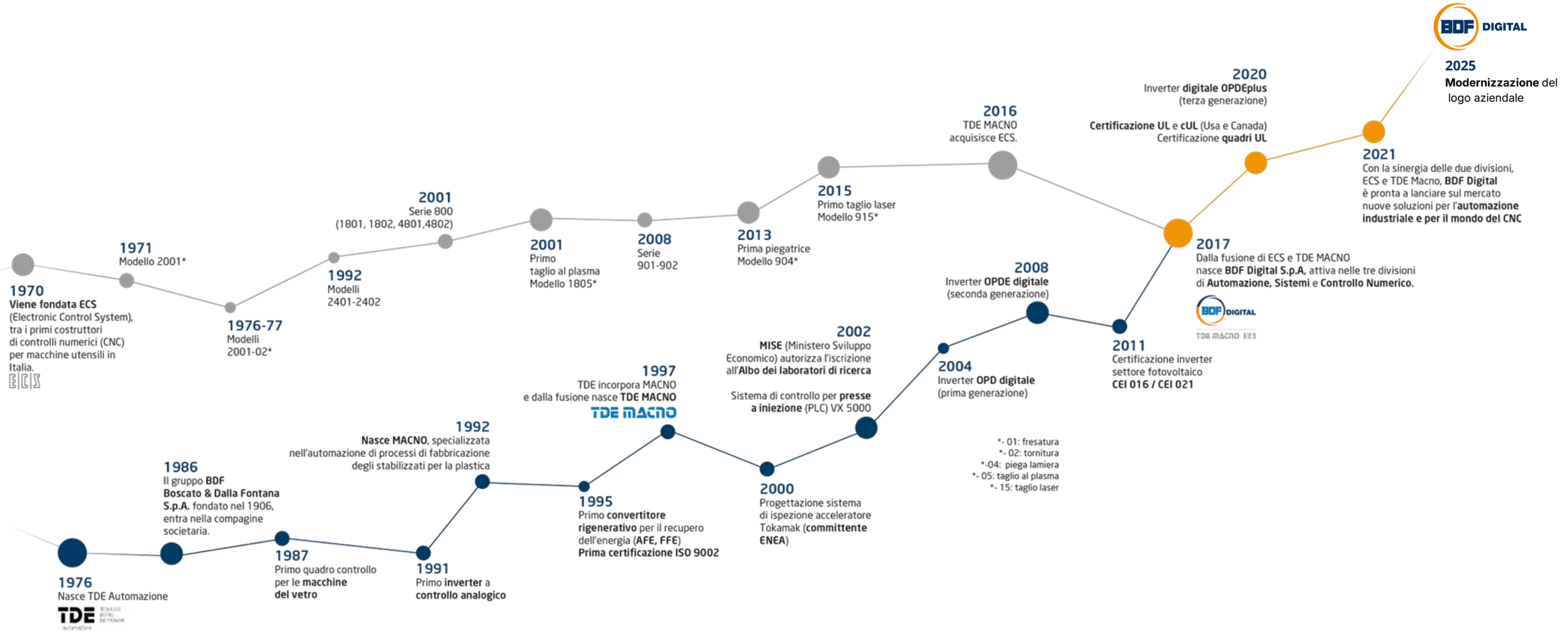
Over 50 years of innovation and research in the world of industrial automation, with globally recognized brands: TDE Macno and ECS.
Today, thanks to the merger of the two historic Italian companies, TDE Macno, headquartered in Vicenza, and ECS, with offices in Florence and Milan, BDF Digital presents itself to the market as a benchmark for industrial automation, renewable energy, and power conversion solutions for the marine sector.





2. History

Over 50 years of Italian excellence in power electronics.
Born from the union of historic companies such as ECS and TDE Macno, BDF Digital now transforms a strong industrial heritage into cutting-edge solutions for automation and sustainable energy.



3. Location

ITALY

- **HEADQUARTER:** Via dell'Oreficeria 41, 36100 Vicenza (VI)
- **CNC DIVISION:** Via di Pratignone 15/5, 50018 Sesto Fiorentino (FI)
- **CNC APPLICATION:** Viale Fulvio Testi 128, 20092 Cinisello Balsamo (MI)

CHINA

- **TDE ELECTRICAL TECHNOLOGY CO., LTD:** RM 410, BUILDING 25-3, TIANLING RD, Wu Zhong Dist., 215128 SuZhou City, Jiangsu Province





4. BDF Worldwide

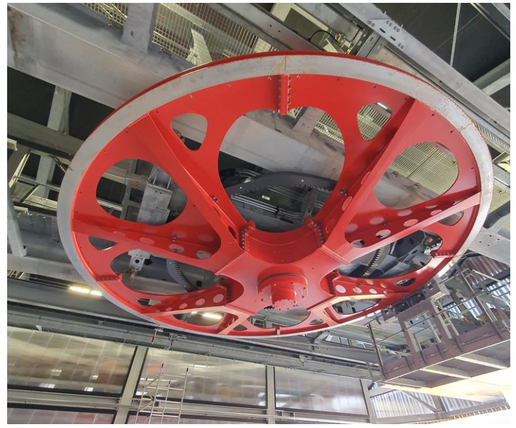


5. Portfolio

BDF Digital's diverse portfolio highlights our extensive expertise across a wide range of industries, including glass, plastics, metals, and ropeway systems.











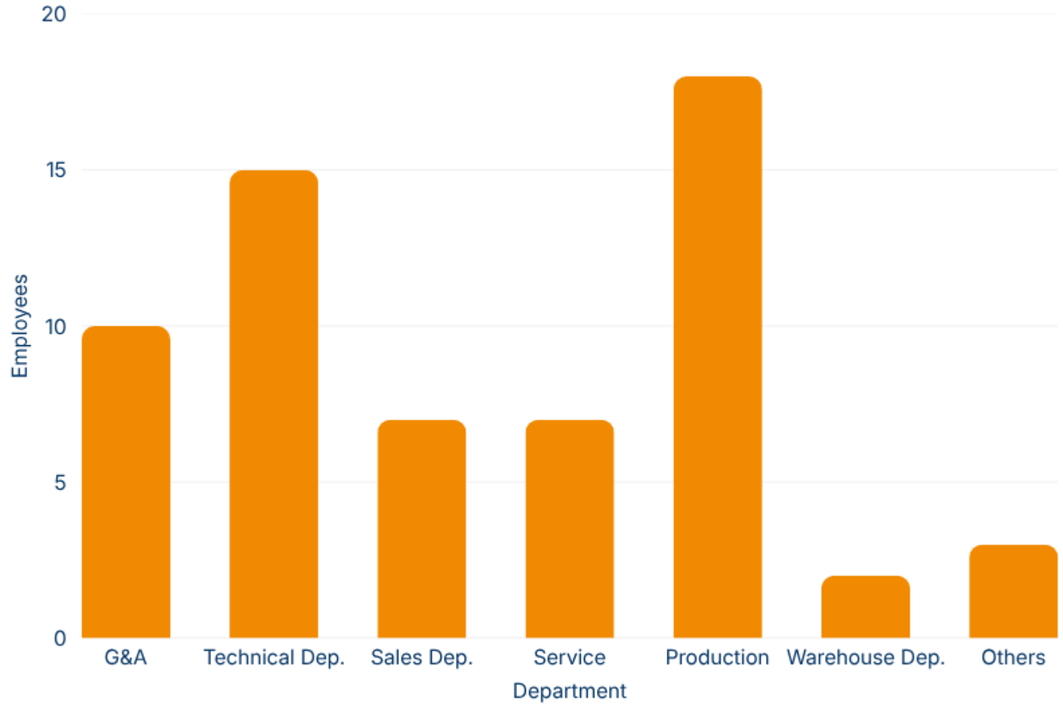




6. Team Organization

The success of BDF Digital lies not only in the technologies we develop, but also in the human framework that makes them possible.
Our organization is structured into specialized, interconnected departments. Each area represents a pillar of specific expertise that, working in synergy with the others, ensures smooth processes and excellence in the final result.

G&A	10
Technical Department	15
Service	7
Sales Department	7
Production	18
Warehouse Department	3
Others	2



7. Service

Technical Support

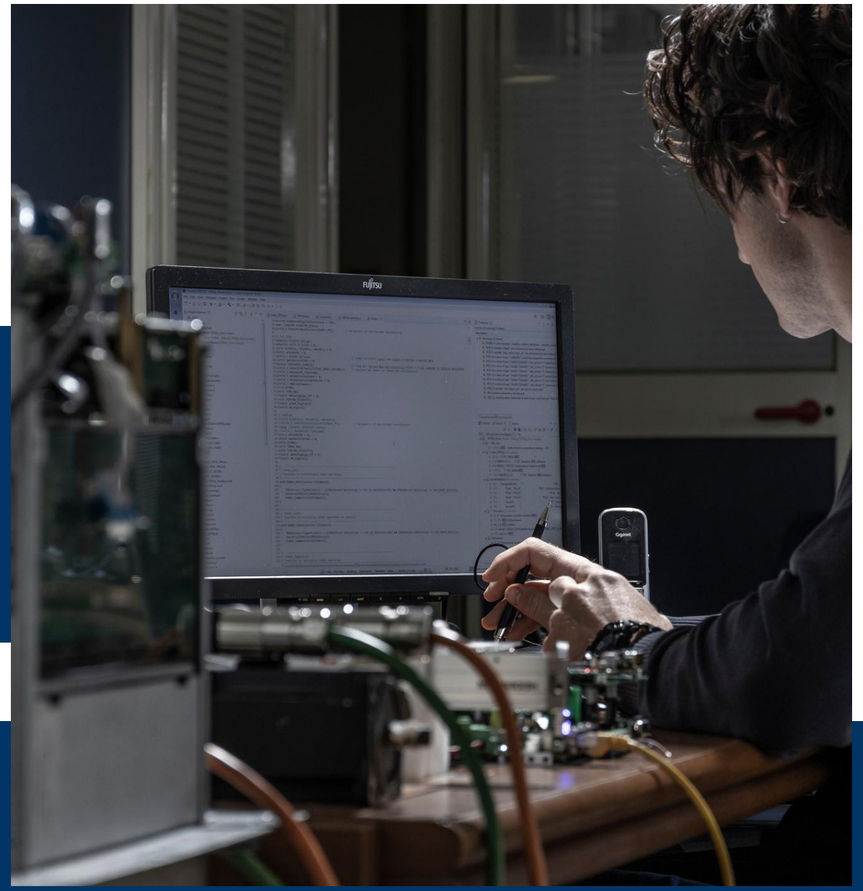
We provide specialized technical assistance, remote support, and the spare parts needed to prevent unexpected downtime and ensure operational continuity.

Maintenance

Our preventive and corrective maintenance services are designed to maximize system performance, minimize failures, and extend the service life of equipment.

Training

We offer customized training programs to equip your technicians with the skills and autonomy needed for effective and independent maintenance.



8. BUSINESS AREA

From industrial automation to energy management, BDF Digital designs integrated solutions based on robust and innovative power electronics.
Our activity is structured around three key areas, created to bring efficiency and control to every application sector:

INDUSTRIAL AUTOMATION

The product range of BDF Digital covers every level of the automation process: from drives and inverters for precise and reliable control of electric motors, to numerical controls (CNC) for advanced management of machine tools, and up to industrial systems that integrate communication, supervision, and data management to optimize the performance of the entire plant.

ENERGY & POWER QUALITY

From its many years of experience in designing power electronics for electric motor control, industrial systems, and static power conversion, BDF Digital has developed innovative solutions for the renewable energy sector, thereby creating its Energy Division.

MARINE POWER CONVERSION

Thanks to our in-house know-how and proprietary technologies, we develop fully customizable solutions to meet the most complex requirements.
We combine innovation and reliability to deliver tailor-made technologies, designed for those who live the sea and respect it.

BDF DIGITAL

SERVO DRIVES AND POWER CONVERTER

CNC

SISTEMS







Dynamic Metal Process

Injection Molding

FlexoGraphic

Textile

Glass

HVAC sector

Power Cableway

Wood

Marble

Packaging

PID Pressure

ENERGY CONVERSION SYSTEMS

ENERGY STORAGE SYSTEMS AND MICROGRIDS

POWER QUALITY







Water Turbines

Eolic

Hydrogen

Solar

Microgrid

SHORE POWER CONVERTER

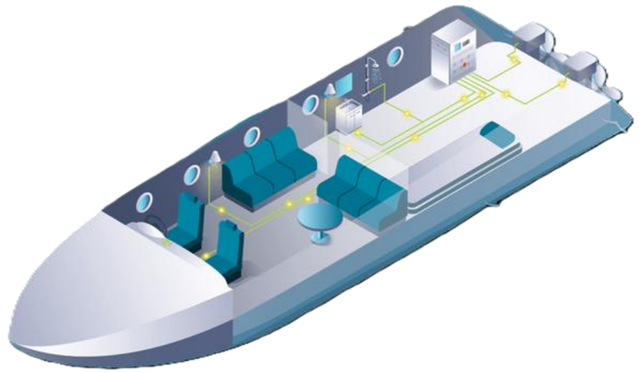


FREQUENCY CONVERTER & AUTOMATION



Marine

ONBOARD MICROGRID MANAGEMENT AND CONTROL



9. Why BDF Digital

Choosing BDF Digital means relying on a technology partner that combines Italian manufacturing excellence with a cutting-edge engineering vision. Here are the four pillars that set us apart:



Engineering

We transform complexity into efficiency. Our engineering know-how enables us to develop advanced technologies for automation and energy, ensuring outstanding performance.



Made in Italy

Uncompromising quality. We design and manufacture entirely in Italy, combining craftsmanship-level precision with high industrial standards to deliver reliable and long-lasting solutions.



Custom Solution

Industrial tailoring. We don’t offer only standard products, but design custom solutions, adapting both hardware and software to the specific needs of your application.



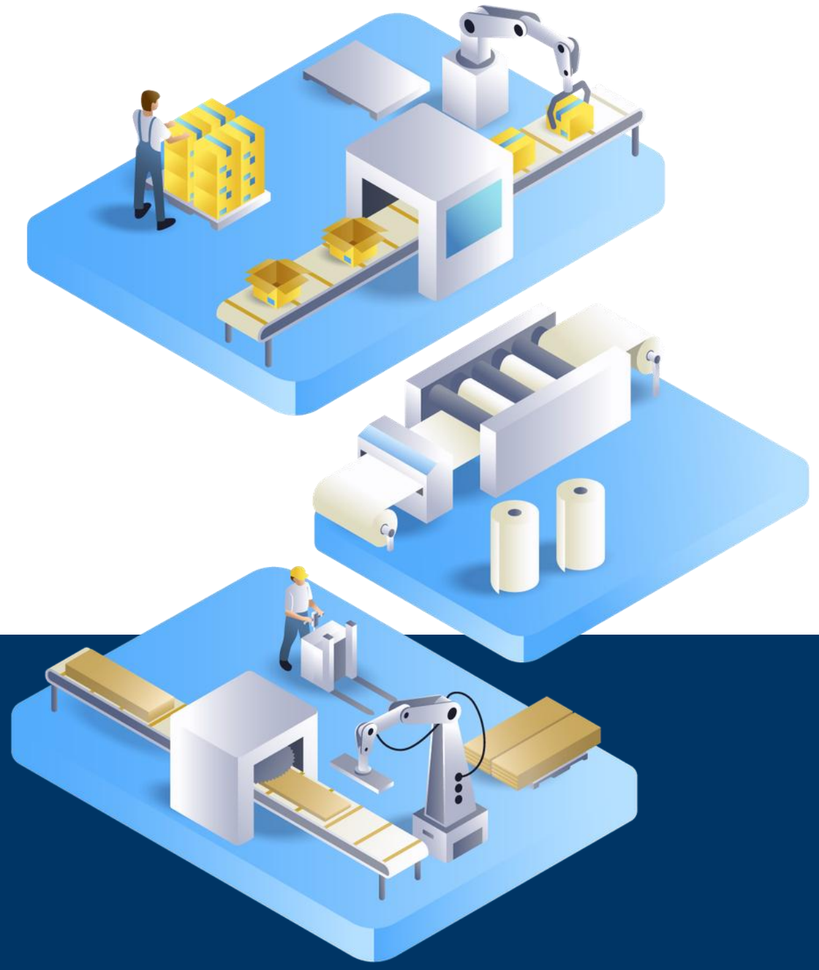
Service

Global, continuous support. From installation to after-sales service, our support team ensures fast response times and technical expertise to guarantee maximum operational continuity.

10. Industrial Automation

BDF Digital, thanks to its know-how and more than 50 years of experience, has developed innovative solutions in the field of servo drives and inverters.
Our servo drives are suitable for all applications and types of electric motors, including three-phase asynchronous motors (IM), permanent magnet synchronous servo motors (PMSM), and synchronous reluctance motors (SynRM).





Product overview – Technical description





OPDE Plus

3 A – 570 A / 1,5 – 315 kW
3 × (400 – 690 Vca) / 550 – 1100 Vcc
Possibility of achieving power ratings above 315 kW at 400 VAC or 690 VAC by using power modules (BF3) connected in parallel and controlled by a single control unit.

The standard product series of the TDE division is called OPDE Plus. It is divided into 8 sizes based on power rating.
The smallest size is called XS and ranges from 4 Arms to 12 Arms; this size also includes some customized products.
The largest size reaches up to 510 Arms.
The series was designed with the aim of being applicable across multiple sectors and therefore offering maximum flexibility.

Uniqueness and Technological Excellence

The OPDE Plus series stands out in the market for the uniqueness and technological innovation of its solutions.

- It ensures optimal performance and ease of use.
- It complies with internationally recognized standards such as CE (Europe) and UL (USA/Canada).
- It offers easy installation and commissioning.
- It is ideal for three-phase asynchronous motors (IM), permanent magnet synchronous motors (PMSM), and synchronous reluctance motors (SynRM).
- It features a microprocessor-based architecture with unified software and an integrated programmable PLC compliant with IEC 61131-3.

All drives in the OPDE Plus series can be programmed via PC using the “OPDExplorer” configurator.



Product overview – Generic rating*

3A – 570A / 1.5 – 315 kW
400 – 690 Vac / 550 – 1100 Vdc

Drive Name	XS	S	M	L	XL	BF1	BF2	BF3
Current [Arms]	4 - 12	3 - 12	15 - 22	32	3-12	70 - 150	175 - 250	310 - 570
Power [kW] @ 400Vac	1.5 - 5.5	1.5 - 5.5	7.5 - 11	15	18.5 - 30	37 - 75	90 - 132	160 - 315
Overload (nominal)	1) 120% x 30 sec 2) 150% x 30 sec + 200% x 3 sec 3) 200% x 30 sec							
STO Function	SIL 3 - PLe							
Tested in accordance	EN 61800-3 / UL508C							

(*) indicative data: for detailed rating, configuration, mounting options please refers to installation manual

Product overview – Available frame sizes

3A – 570A / 1.5 – 315 kW
400 – 690 Vac / 550 – 1100 Vdc

XS



L= 73 mm
H= 276 mm
D= 168 mm

S



L= 89 mm
H= 303 mm
D= 253 mm

M



L= 116 mm
H= 303 mm
D= 253 mm

L



L= 137 mm
H= 322 mm
D= 253 mm

XL



L= 194 mm
H= 322 mm
D= 253 mm

Product overview – Available frame sizes

3A – 570A / 1.5 – 315 kW
400 – 690 Vac / 550 – 1100 Vdc

BF 1



L = 248mm
H = 556mm
D =
300mm

BF 2



L = 309mm
H =
978mm
D = 315mm

BF 3



L = 484mm
H =
978mm
D = 315mm

Product overview

OPDE Plus
Drive model
XS



OPDE Plus XS



Available Size

Heavy overload: 200% x 3 sec. + 155% x 30 sec.

Light overload: 120% x 30 sec.

Standard overload: 150% x 30 sec.

Strong overload: 200% x 30 sec.

Dimensions:

OPDE*plus* ***XS***					
4 A		**8 A**		**12 A**	
Pn [kW]*	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**
1,5	4	3,2	8	5,5	12
1,8	4,7	3,8	9,5	6,5	14,2
1,6	4,2	3,4	8,4	5,8	12,6
1,3	3,4	2,7	6,8	4,7	10,2
H= 277,6 x L = 72,5 x P/D = 164,2 mm; Kg = 2,7					

* Nominal power Pn @ 400Vac

\# Nominal Current In

OPDE Plus XS



TECHNICAL DATA SHEET| OPDE*plus XS*	TYPE	
	CM (CANbus-Multifeedback)	MM (MultiFieldbus-Multifeedback)
Supply voltage	• AC input : 3 x (200V-10% ÷ 480 V + 10%) • DC input : Vdc (280V-10% ÷ 680 V + 10%) • +24Vdc auxiliary supply voltage (standard version) * * For sizes 4A /8A the self-powered version is also available	
PC programming and device interfacing	Modbus RTU RS485, Modbus TCP/IP	
Fieldbuses	CANbus	PROFINET/EtherCAT
Digital/analog I/O	• n° 2 configurable opto-isolated digital outputs (max output current = 1A) • n° 3 configurable opto-isolated digital inputs, expandable to 5 inputs if the STO function is not present (to be requested during the ordering phase) • S.T.O. function SIL3/PLe • n° 1 configurable analog input ± 10V o 4 ÷ 20 mA • n° 1 motor thermal protection input (PTC, NTC, KTY84-130, KTY83-110, PT1000)	
Feedback supported	Resolver, Hiperface (ST/MT), Hiperface DSL (HDSL), SinCos Incremental, SinCos Absolute, EnDat 01/02/21/22 (linear & rotary ST/MT), Biss B/C (linear & rotary ST/MT), Tamagawa (ST/MT), TTL/HTL & TTL+Hall (single ended e diff. mode)	

OPDE Plus XS



Permanent Magnet Synchronous motors (PMSM	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus	**Synchronous Reluctance Motors (Synk & AsynRM)**	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus
	Integrated control for anisotropic motors (PMSM-IPM such as MTPA and d-axis phasing@standstill)		Optimized, sensorless closed-loop control with flow curves
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles		Motor control over a wide flux weakening range
		PWM	~ Max 18 [KHz]*
Asynchronous motors (IM	FOC with feedback (vector with feedback)	**Control loop bandwidth**	Current loop: 1400~2000 [Hz] Max
	Scalar V/F control, V/F control (FOC), and Optimized V/F control with torque compensation		Speed loop: Max 200 [Hz]
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles	* For switching frequencies above 18 kHz, please contact the technical office of BDF Digital Spa	

OPDE Plus XS



Main Control Features

- Integrated EMC filter compliant with EMC standard EN 61800-3
- Advanced PLC in the standard IEC 61131-3 programming environment
- Integrated dynamic braking module with an internal brake resistance. As an optional is possible to install an external braking resistance
- Standstill auto-tuning (AT) for identification of the equivalent mathematical model parameters of each electric machine
- Coated electronic boards
- Cooling fans with activation/deactivation control based on temperature
- DC bus sharing (option for DC power supply)
- Book format design that saves space inside the cabinets
- Removable terminals (power and signal) for quick installation/maintenance

OPDE Plus XS

Certification:

AC Input: 3 x (200V - 10% ÷ 480V + 10%)
DC Input: Vdc (280-10% ÷ 680 + 10%) or 1 x (230Vac ± 10%)

RS 485 Modbus RTU

Regulation Power Supply 24 VDC (Back-Up)

PC programming and device interfacing:
EtherNet Modbus TCP/IP (MM)

Multi fieldbus interface for
all industrial ethernet standards fieldbuses
Ethercat/Profinet (MM) CANopen (CM)

N. 2 configurable digital output

STO (SIL3 - PLe) safety function
or
additional 2 digital input

N.3 configurable digital input
N.1 configurable analog inputs ± 10V
Potentiometer Supply ± 10V

USB Portal

Resolver feedback

2° External Feedback
and/or
Simulated Encoder

Motor control feedback
(CM/MM)

Motor thermal
(ON/OFF, PTC, NTC, KTY 84-130, KTY 83 - 110, PT1000)

U/V/W motor power and external optional braking resistor connection
(brake chopper built in)



Product overview

OPDE Plus
Drive models S - M - L - XL



OPDE Plus S - M - L - XL









	OPDE*plus S*						OPDE*plus M*				OPDE*plus L*		OPDE*plus XL*					
Available Size	**3 A**		**7 A**		**12 A**		**15 A**		**22 A**		**32 A**		**40 A**		**48 A**		**60 A**	
	Pn [kW]*	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**	**Pn [kW]***	**In [A]#**
Heavy overload: 200% x 3 sec. + 155% x 30 sec.	1,5	3	3	7	5,5	12	7,5	15	11	22	15	32	18,5	40	20	46	27,3	57,5
Light overload: 120% x 30 sec.	1,8	3,6	3,6	8,3	6,6	14,2	9	17,8	13,2	26	18	38	22,2	47,4	24	54,5	32,8	68,1
Standard overload: 150% x 30 sec.	1,7	3,2	3,3	7,4	6,1	12,6	8,3	15,8	12,1	23,2	16,5	33,7	20,4	42,2	22	48,5	30	60,6
Strong overload: 200% x 30 sec.	1,4	2,6	2,9	6	5,2	10,2	7,1	12,8	10,5	18,8	14,3	27,3	17,6	34,2	19	39,3	25,9	49,1
Dimensions:	H= 303 x L = 89 x P/D = 253 mm; Kg = 4						H= 303 x L = 116 x P/D = 253 mm; Kg = 5,2				H= 322 x L = 137 x P/D = 253 mm; Kg = 5,7		H= 322,6 x L = 194 x P/D = 253 mm; Kg = 9,6					

* Nominal power Pn @ 400Vac
\# Nominal Current In

OPDE Plus S - M - L - XL



TECHNICAL DATA SHEET	
Supply voltage	• AC input : 3 x (200V-10% ÷ 480 V + 10%) • DC input : Vdc (280V-10% ÷ 680 V + 10%) • +24Vdc auxiliary supply voltage
PC programming and device interfacing	Modbus RTU RS485, Modbus TCP/IP
Fieldbuses	CANbus, PROFINET/EtherCAT, Profibus
Digital/analog I/O	• n° 4 configurable opto-isolated digital outputs (n° 2 with relay contact , max = 1A e n° 2 opto-isolated, max 60 mA) • n° 8 configurable opto-isolated digital inputs • S.T.O. function SIL3/PLe • n° 3 configurable analog inputs ± 10V o 4 ÷ 20 mA • n° 2 configurable analog outputs ± 10V • n° 1 frequency input (4 channels or frequency and direction)
Feedback supported	Resolver, Hiperface (ST/MT), Hiperface DSL (HDSL), SinCos Incremental, SinCos Absolute, EnDat 01/02/21/22 (linear & rotary ST/MT), Biss B/C (linear & rotary ST/MT), Tamagawa (ST/MT), TTL/HTL & TTL+Hall (single ended e diff. mode)

OPDE Plus S - M - L - XL



Permanent Magnet Synchronous motors (PMSM	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus	**Synchronous Reluctance Motors (Synk & AsynRM)**	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus
	Integrated control for anisotropic motors (PMSM-IPM such as MTPA and d-axis phasing@standstill)		Optimized, sensorless closed-loop control with flow curves
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles		Motor control over a wide flux weakening range
		PWM	~ Max 18 [KHz]*
Asynchronous motors (IM	FOC with feedback (vector with feedback)	**Control loop bandwidth**	Current loop: 1400~2000 [Hz] Max
	Scalar V/F control, V/F control (FOC), and Optimized V/F control with torque compensation		Speed loop: Max 200 [Hz]
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles	* For switching frequencies above 18 kHz, please contact the technical office of BDF Digital Spa	

OPDE Plus S - M - L - XL



Main Control Features

- Advanced PLC in standard IEC 61131-3 programming environment with a speed equal to the PWM period of the drive
- Integrated "standstill" auto-calibration (AT) for the identification of parameters of the equivalent mathematical model of each electric machine
- Two available memory banks
- On-the-fly recovery for IM/PMSM/SynRM
- Tropicalized electronic boards
- Extended life cycle capacitors
- Removable cooling fans with activation/deactivation control
- DC bus sharing
- Integrated dynamic braking module and external resistor
- Book format that saves space inside control panels

OPDE Plus S - M - L - XL

Certification:

AC Input: 3 x (200V - 10% ÷ 3 x 480V + 10%)

DC Input: Vdc (280-10% ÷ 680 + 10%)

Integrated Drive to Drive interface SPI Regulation

Power Supply 24 VDC (Back-Up power supply)

STO (Safe Torque Off), PLe (UNI EN ISO 13849-1) e SIL3 (EN 61800-5-2)

Connector for the remote keypad

RS 485 Modbus RTU for PC programming and device interfacing (configuration software)

USB Portal

Frequency Input (4 channels or Up / Down frequency)

I/O ANALOG / DIGITAL

Fielbus interface

1° - 2° Feedback Sensor motor and application

CAN A/B interfaces, Motor thermal probes (PTC, NTC, KTY84-130, KTY83-110, PT1000). U/V/W motor power and external optional braking resistor connection (brake chopper built in)



Product overview

OPDE Plus
Drive models BF1 - BF2 - BF3



OPDE Plus BF







Available Size	OPDE*plus BF1*							
	70 A		90 A		110 A		150 A	
	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#
Heavy overload: 200% x 3 sec. + 155% x 30 sec.	37	67	45	87	55	100	75	140
Light overload: 120% x 30 sec.	45	79,3	52	103	59	118,4	83	165,8
Standard overload: 150% x 30 sec.	37	70,6	45	91,7	55	105,4	75	147,6
Strong overload: 200% x 30 sec.	30	57,2	37	74,3	43	85,4	60	119,6
Dimensions:	H= 556 x L = 248 x P/D = 300 mm; Kg = 25							

OPDE*plus BF2*					
175 A		220 A		250 A	
Pn [kW]*	In [A]#	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#
90	165	110	210	132	238
101	195,4	124	248,6	149	281,8
90	173,9	110	221,3	132	250,9
73	140,9	90	179,3	107	203,3
H= 978 x L = 309 x P/D = 315 mm; Kg = 50					

OPDE*plus BF3*							
310 A		370 A		460 A		510 A	
Pn [kW]*	In [A]#	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#	Pn [kW]*	In [A]#
160	294,1	200	350	250	441,2	315	481,4
180	348,2	224	414,4	284	522,4	354	570
160	310	200	368,9	250	465	315	507,4
130	251,2	162	298,9	205	376,8	255	411,1
H= 978 x L = 484 x P/D = 315 mm; Kg = 85							

* Nominal power Pn @ 400Vac
# Nominal Current In

OPDE Plus BF



TECHNICAL DATA SHEET	
Supply voltage	• AC input : 3 x (400 -10% ÷ 480V +10%) • DC input : Vdc (400 -10% ÷ 640V +10%) • +24Vdc auxiliary supply voltage
PC programming and device interfacing	Modbus RTU RS485, Modbus TCP/IP
Fieldbuses	CANbus, PROFINET/EtherCAT, Profibus
Digital/analog I/O	• n° 4 configurable opto-isolated digital outputs (n° 2 with relay contact , max = 1A e n° 2 opto-isolated, max 60 mA) • n° 8 configurable opto-isolated digital inputs • S.T.O. function SIL3/PLe • n° 3 configurable analog inputs ± 10V o 4 ÷ 20 mA • n° 2 configurable analog outputs ± 10V • n° 1 frequency input (4 channels or frequency and direction)
Feedback supported	Resolver, Hiperface (ST/MT), Hiperface DSL (HDSL), SinCos Incremental, SinCos Absolute, EnDat 01/02/21/22 (linear & rotary ST/MT), Biss B/C (linear & rotary ST/MT), Tamagawa (ST/MT), TTL/HTL & TTL+Hall (single ended e diff. mode)

OPDE Plus BF



Permanent Magnet Synchronous motors (PMSM)	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus	**Synchronous Reluctance Motors (Synk & AsynRM)**	Closed-loop control using one of the two possible feedbacks managed by the OPDEplus
	Integrated control for anisotropic motors (PMSM-IPM such as MTPA and d-axis phasing@standstill)		Optimized, sensorless closed-loop control with flow curves
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles		Motor control over a wide flux weakening range
		PWM	~ Max 18 [KHz]*
Asynchronous motors (IM)	FOC with feedback (vector with feedback)	**Control loop bandwidth**	Current loop: 1400~2000 [Hz] Max
	Scalar V/F control, V/F control (FOC), and Optimized V/F control with torque compensation		Speed loop: Max 200 [Hz]
	Sensorless (wide range) optimized for low speeds and high torques, and high-speed spindles	* For switching frequencies above 18 kHz, please contact the technical office of BDF Digital Spa	

OPDE Plus BF



Main Control Features

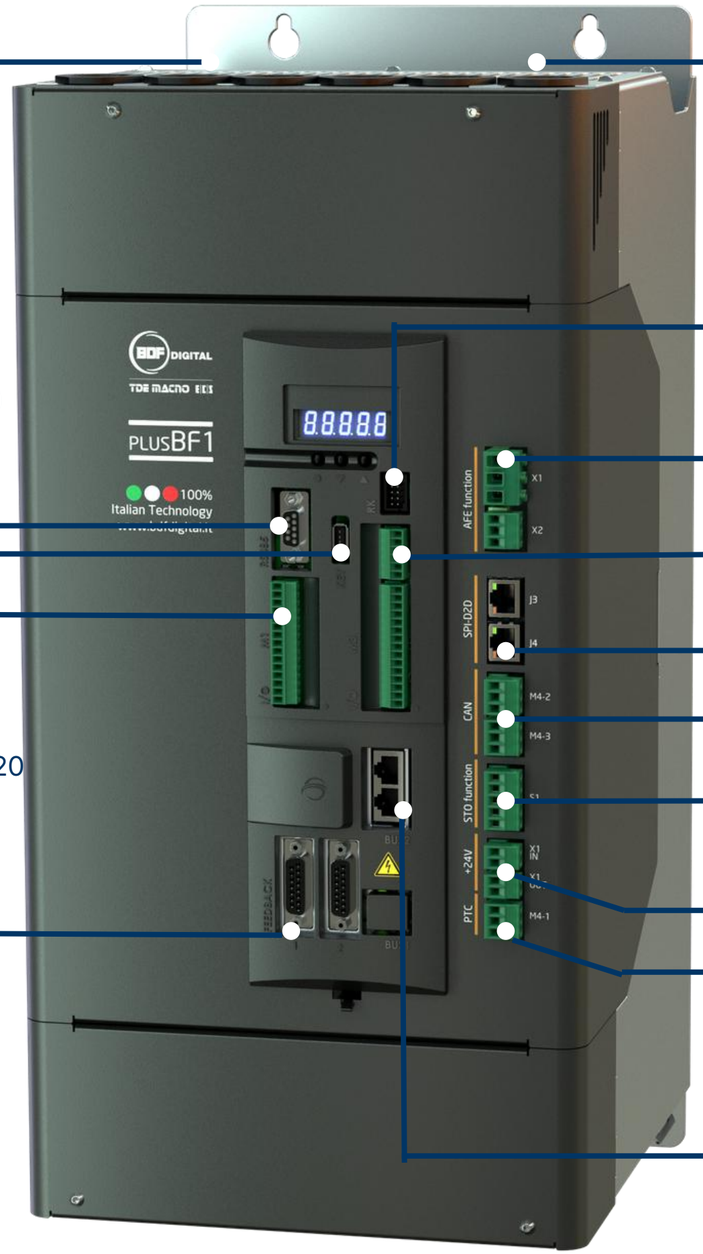
- Advanced PLC in standard IEC 61131-3 programming environment with a speed equal to the PWM period of the drive
- Integrated "standstill" auto-calibration (AT) for the identification of parameters of the equivalent mathematical model of each electric machine
- Two available memory banks
- On-the-fly recovery for IM/PMSM/SynRM
- Tropicalized electronic boards
- Extended life cycle capacitors
- Removable cooling fans with activation/deactivation control
- DC bus sharing
- Integrated dynamic braking module and external resistor
- Book format that saves space inside control panels

OPDE Plus BF

Certification:

AC Input: 3 x (400V - 10% ÷ 480V + 10%)
DC Input: Vdc (400-10% ÷ 640 + 10%)

U/V/W motor power and external optional braking resistor connection (brake chopper built in)



RS 485 Modbus RTU for PC programming and device interfacing (configuration software)

USB Portal

N. 8 configurable digital input
N. 4 configurable digital input
N. 3 configurable analog inputs ±10V/4÷20 mA/0÷20 mA
N. 2 configurable analog outputs ± 10V
Potentiometer Supply ± 10V

1° - 2° Feedback Sensor motor and application

Connector for the remote keypad

AFE synchronism (only for AFE or FFE)

Frequency Input (4 channels or Up / Down frequency)

Integrated Drive to Drive interface SPI

CAN A/B interfaces

STO (Safe Torque Off)
PLe (UNI EN ISO 13849-1)
e SIL3 (EN 61800-5-2)

Regulation power Supply 24 VDC
(Back-Up power supply)

Motor thermal probes (PTC, NTC, KTY84-130, KTY83-110, PT1000)

Fielbus interface

Logic Lab - OPDExplorer Plus

Logic Lab is an IEC61131-3 Integrated Development Environment supporting the whole range of languages defined in the standard:

- Instruction List (IL),
- Structured Text (ST),
- Ladder Diagram (LD),
- Sequential Function Chart (SFC),
- Function Block Diagram (FBD).

Logic Labs include also:

- a compiler, which translates applications written according to the IEC standard directly into machine code,
- a communication system which allows the download of the application to the target environment,
- a rich set of debugging tools, ranging from an easy-to-use watch window to more powerful tools



Is possible to connect OPDExplorerPlus and LogicLab5 environment to the drive with a RS485 Converter or via Modbus TCP/IP

BDF DIGITAL

11. Main references

MARCEGAGLIA

SAVIO

mecc alte

fives
Industry can do it

BDF industries

BARUFFALDI
SINCE 1927

FUNITEK

mtmspa

PROFILTUBI
STEEL TUBE SPECIALISTS

Ripress
Injection Moulding Machines Italy

VALPRES

FIMI GROUP

BDF DIGITAL

SPRAYTECH
WHAT LEATHER WANTS

SMART
GYRO

DAIKIN

Cms
glass technology

Tonello®
THE INSPIRING COMPANY

OTOMILLS

bierrebi
italian cutting technologies

DONGSHIN

FomIndustrie
Aluminium Working Machinery

MULTIPRESS

NOVASTILMEC COMPANY
QUALITY COIL LINES

SKILL GLASS
made for glass
VERTICAL CNC CENTERS
OVER 20 YEARS
Since 1999



Contact Us

Call us

+39 0444 343 555

Email

info@bdfdigital.it

Address

Head Office - Via dell’Oreficeria, 41
36100 – Vicenza (VI)
Italy



Thank You

For Your Attention

www.bdfdigital.com