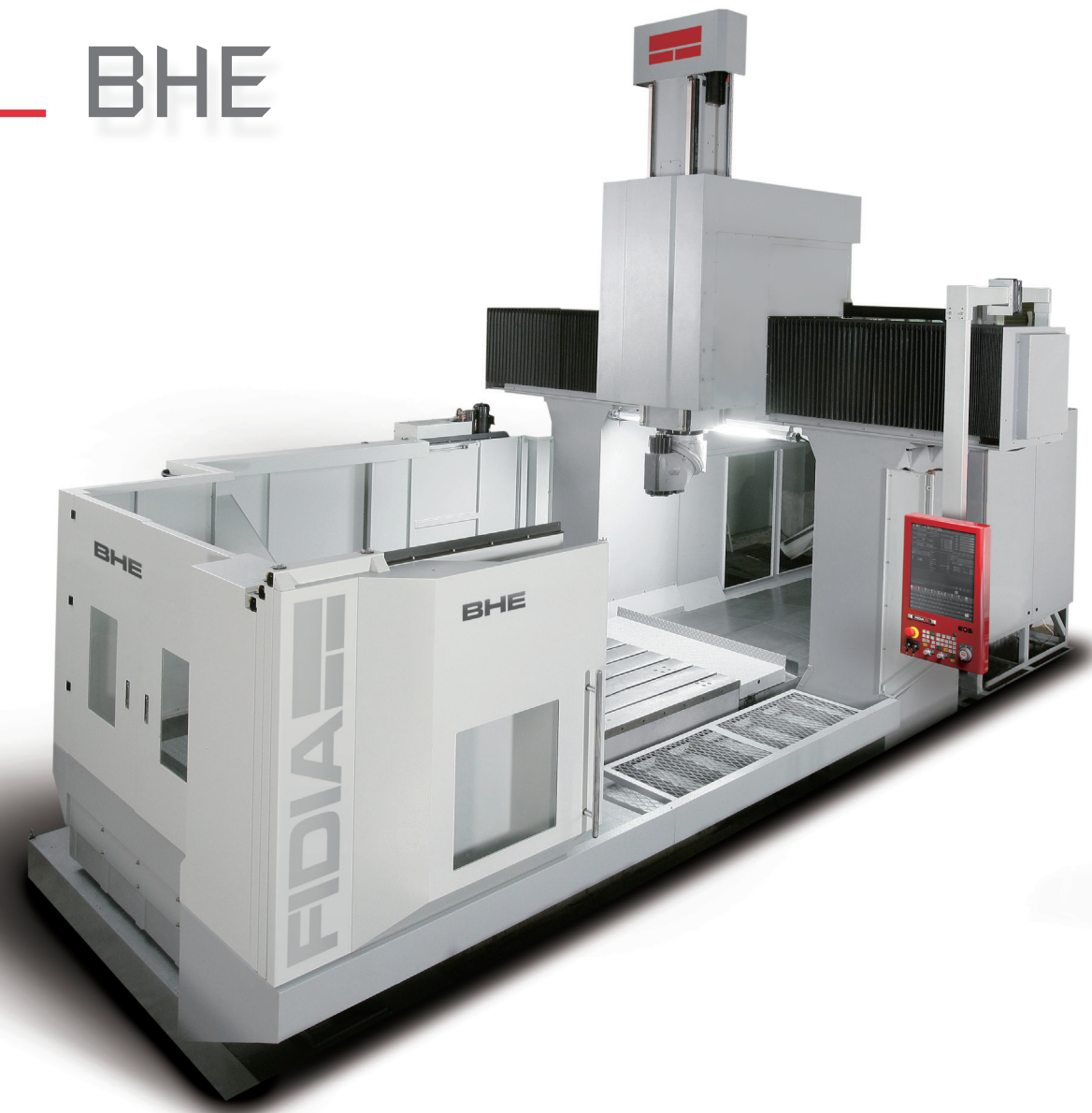


BHE



High Performance Bridge Type Milling Machine

Entirely manufactured with sturdy cast iron elements and with a Box in Box Ram, these machines are designed to grant reliable and durable technology even in heavy duty applications. Along with the structure's high rigidity, excellent dynamic performances and high accuracy are granted by generous roller guides and linear scales.

Axes speed	X	Y	Z
	up to 15 m/min (590 ipm)		
Linear axes travel	X	Y	Z
	2200 ÷ 6200 mm 86.6" ÷ 244"	1700 ÷ 3600 mm 66.9" ÷ 141.7"	700 ÷ 1300 mm 27.5" ÷ 51.1"
Milling spindles	speed (rpm)	power/torque (max)	toolholder
	6.000 (opc 15.000)	25 kW 956 Nm ZF 1:4 gear box	ISO50 (opc BT#50 HSK100A)

BSE



High Speed Bridge Type Milling Machine

One piece casting bridge with specific design to grant High precision and High Speed in mold&die applications. 2 sizes available, with wide distance 1750 mm (69") between twin column, to allow the most convenient mounting of large workpieces.

Axes speed	X	Y	Z
BSE 1700		30 m/min (1118 ipm)	
BSE 2200	24 m/min (945 ipm)	30 m/min (1118 ipm)	30 m/min (1118 ipm)
Linear axes travel	X	Y	Z
BSE 1700	1750 mm (68.8')	1000 mm (39.3")	750 mm (29.5")
BSE 2200	2200 mm (86.6")	1750 mm (68.8")	750 mm (29.5")
Milling spindles	speed (rpm)	power/torque (max)	toolholder
	18.000 (opt 24.000)	32 kW / 154 Nm	HSK63A

UHE



5-axis High Speed Universal Machining Center

3 separate castings morphology grant outstanding accuracy and high performances in any milling condition. 5-axis interpolation in combination with the rotary table allow 5-side machining of complex components, in a single, easy set-up.

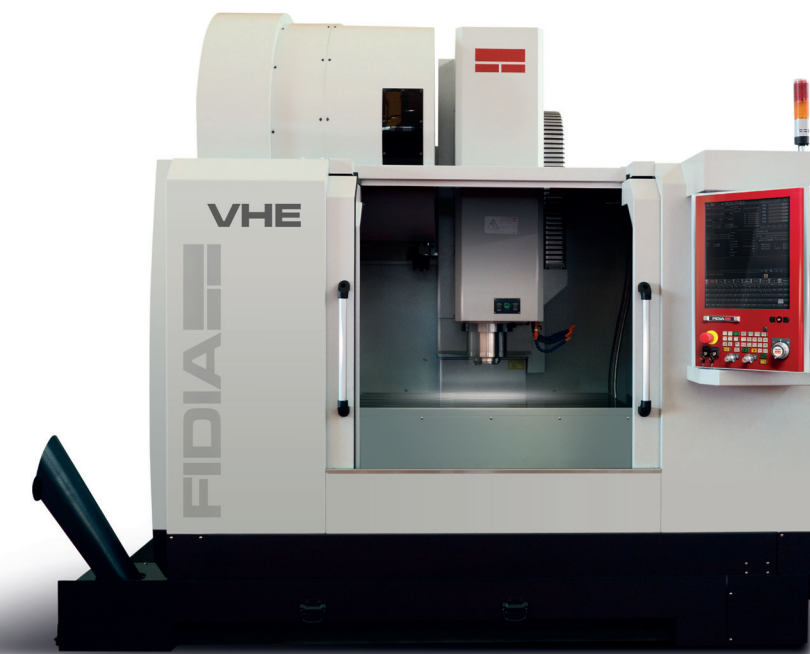
Axes speed	X	Y	Z
UHE 1000/1600		24 m/min (945 ipm)	
Linear axes travel	X	Y	Z
UHE 1000/1600	1000/1620 mm (39.7/63.7")	800/1260 mm (31.4/49.6")	700/1050 mm (27.5/41.3")
Rotary axes	table	max loading	head
UHE 1000	1000 x 800 mm (39.7"x 31.4")	1500 kg	0°-180° pitch 0.001°
UHE 1600	Ø 1400 mm	4000 kg	
Milling spindles	speed (rpm)	power/torque (max)	toolholder
UHE 1000	18.000 (opt 24.000)	32 kW / 154 Nm	HSK63A
UHE 1600	8.000 (opt 15.000)	45 kW / 418 Nm	HSK100A

VHE

High Torque Vertical Machining Center

3-axis high performance C-frame moving table machines with high rigidity base and column are generously dimensioned to grant maximum rigidity, stability, long-lasting quality and accuracy. Box Type reinforced guides made of hardened steel are dimensioned and positioned to perform strong roughing tasks.

Axes speed	X	Y	Z
VHE 1166		24 m/min (945 ipm)	
VHE 1687		10 m/min (394 ipm)	
Linear axes travel	X	Y	Z
VHE 1166	1100 mm	610 mm	610 mm
VHE 1687	1600 mm	815 mm	700 mm
Milling spindles	speed (rpm)	power/torque (max)	toolholder
	6000	18.5 kW/708 Nm ZF gear box 1:4	ISO 50 (opc. BT#50)



VSE

High Speed Vertical Machining Center

Fast and accurate, VSE is a line of Vertical C-Frame machining centers designed for the die&mold industry and for the production of high-quality parts. The rigidity and stability of the VSE allow the use of the machine in roughing and also in High speed milling applications.

Axes speed	X	Y	Z
VSE 1066		30 m/min (1118 ipm)	
VSE 1468	30 m/min (1118 ipm)	30 m/min (1118 ipm)	24 m/min (944 ipm)
Linear axes travel	X	Y	Z
VSE 1066	1020 mm (40.1")	610 mm (24")	610 mm (24") opt. 810 mm (31.8")
VSE 1468	1350 mm (53.1")	620 mm (24.4")	810 mm (31.8")
Milling spindles	speed (rpm)	power/torque (max)	toolholder
	15.000 (opt. 18.000 - 24.000)	53 kW 250 Nm Direct Coupling	ISO 40 (opt. BT#40 HSK63A)





FIDIA S.p.A.
Corso Lombardia, 11
10099 San Mauro Torinese - TO - ITALY
Tel. +39 011 2227111
Fax +39 011 2238202
info@fidia.it
www.fidia.com

FIDIA GmbH
Robert-Bosch-Strasse 18
63303 Dreieich-Sprendlingen - GERMANY
Tel. +49 6103 4858700
Fax +49 6103 4858777
info@fidia.de

FIDIA Co.
3098 Research Drive
Rochester Hills MI 48309 - USA
Tel. +1 248 6800700
Fax +1 248 6800135
info@fidia.com

FIDIA Sarl
47 bis, Avenue de l'Europe
B.P. 3 - Emerainville
77313 Marne La Vallée Cedex 2 - FRANCE
Tel. +33 1 64616824
Fax +33 1 64616794
info@fidia.fr

FIDIA Iberica S.A.
Parque Tecnológico
Laida Bidea, Edificio 208
48170 Zamudio - Bizkaia - SPAIN
Tel. +34 94 4209820
Fax +34 94 4209825
info@fidia.es

FIDIA DO BRASIL LTDA
Av. Salim Farah Maluf, 4.236 - 3º andar
Móoca - SÃO PAULO - Cep 03194-010 - BRAZIL
Tel. +55 11 29657600
Fax +55 11 20212718
info@fidia.com.br

FIDIA JVE
Beijing Fidia Machinery & Electronics Co., Ltd
Room 1509, 15/F Tower A, TYG Center Mansion
C2 North Road East Third Ring Road,
Chaoyang District
100027 BEIJING - P.R. CHINA
Tel. +86 10 64605813/4/5
Fax +86 10 64605812
info@fidia.com.cn

FIDIA JVE
Shanghai Office
28/D, No.1076, Jiangning Road
Putuo District
Shanghai 200060 - CHINA
Tel. +86 21 52521635
Fax +86 21 62760873
shanghai@fidia.com.cn

OOO FIDIA
c/o Promvost
Sushovskiy Val, Dom 5, Str. 2, Office 411
127018 Moscow - RUSSIA
Tel.: +7 499 9730461
Mobile: +7 9035242669
sales.ru@fidia.it
service.ru@fidia.it

Service centres:

FIDIA GmbH - SERVICE CZ
CZ- 74706 Opava
Tel/Fax +420 553 654 402
sales.cz@fidia.it

HELIOS EUROPE Ltd
10 Goodwood Road Pershore,
Worcestershire WR10 2JL
United Kingdom
Tel: 01386 426640
sales@helios-fidia.co.uk

3H MAKINA
Atasehir Bulvari, Ata 2/3
Plaza, Kat:9 No: 80
Atasehir - Istanbul - TURKEY
Tel.: +90 216 456 10 43
Fax: +90 216 456 75 23
sales.tr@fidia.it
service.tr@fidia.it

AXIS SYSTEMS
T8 - T9 - T20, "INSPIRIA"
Old Mumbai - Pune Highway,
Pune - 411044, India
Cell : +91 9881245460
service.in@fidia.it

P.V. ELECTRONIC SERVICES C.C.
P.O. Box 96
Hunters Retreat 6017
Port Elisabeth SOUTH AFRICA
Tel. +27 41 3715143
Fax +27 41 3715143
sales.za@fidia.it

SHIYAN FIDIA SERVICE CENTRE N.84
Dong Yue Road,
Shiyan, Hubei - CHINA
Tel. +86 719 8225781
Fax +86 719 8228241

CHENGDU FIDIA SERVICE CENTRE
Huang Tian Ba
Chengdu, Sichuan - CHINA
Tel. +86 28 87406091
Fax +86 28 87406091

IE-MAT s.r.l.
Bv. De Los Calabreses 3706
Barrio: Boilevares,
Córdoba - ARGENTINA
CP: X5022EWW
Tel. +54 351 5891717
sales.ar@fidia.it

Manufacturing plants:

FIDIA S.p.A.
Via Valpellice, 67/A
10060 San Secondo di Pinerolo
TO - ITALY
Tel. +39 0121 500676
Fax +39 0121 501273

FIDIA S.p.A.
Via Golfarelli, 123
47100 Forlì
ITALY
Tel. +39 0543 770511
Fax +39 0543 795573
info@fidia.it

SHENYANG FIDIA NC & MACHINE CO., LTD.
No. 117 Jia Kaifa Rd.
Shenyang Economic & Technological Development Zone
110141 Shenyang - P.R. CHINA
Tel. +86 24 25191218/9
Fax +86 24 25191217
info@fidia.com.cn

Research centres:

FIDIA S.p.A.
c/o Tecnopolis
Str. Provinciale per Casamassima Km 3,
70010 Valenzano
Bari - ITALY
Tel. +39 080 4673862



COPYRIGHT 2016 © FIDIA S.p.A.
San Mauro Torinese, Italy
The products described in this catalog are subject to
technical updating without advance notice.