



ELITE 112
SOFT TOUCH

ELITE 112 SOFT TOUCH

The **ELITE 112 SOFT TOUCH** is an automatic **high-performance** bar feeder, for bars with diameters between **0.8 to 12.7 mm**, ideal for applications on **mobile headstock** lathes for bar lengths from **450 to 3700 mm**. The Elite is a premium bar feeder, simple to use. It is designed to meet the needs of those who are looking for the best possible performance and reliability, **accurate selection of thin bars, adaptability** when changeovers are needed, and a guarantee of **rigidity** even for the most challenging machinings.

Ø 0.8 / 12.7 mm



ELITE



Watch the video
of the Elite 112 Soft Touch

The **Elite 112
Soft Touch**
is the **most
compact** bar
feeder in its
category!

Reasons to purchase

Super precise. Work can be done with maximum reliability on the thinnest bars available in the market (from 0.8 mm) thanks to the very accurate selection device and the innovative smooth sliding trolley with ball bearings mounted on the chain which guarantees maximum accuracy.

Simple. The step by step magazine represents the optimal solution for the management of thin bars, as loading has been greatly improved. The new operator interface has been enriched with new functionalities which make machine usage even easier and more intuitive than before. The snap-in guide channel allows easy retooling in only 4 minutes.

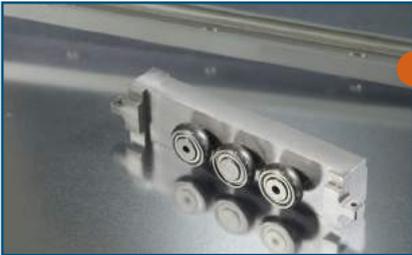
Fast. It is possible to reach high turning speeds (up to 20,000 RPM) without vibrations, thanks to the elevated rigidity of the bar feeder and the circular polyurethane guide channels. Bar changeover times have been reduced to 20 seconds, and headstock idle times have been eliminated (given compatibility with the characteristics of the lathe), and the synchronism mechanism allows easier following of faster headstocks.

Super Precise



The bar **selection** system is very precise and allows selection with maximum reliability even with **0.8 mm bars**.

The new electronic "**Right Length**" **control system** guarantees that incorrectly sized pieces (longer/shorter compared to the specification) will not be created.



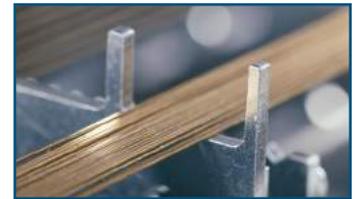
The "**Full Digital**" technology allows management with extreme accuracy even for thin and light bars. Thanks to the motor with low inertia equipped with an **encoder** with more than **4 million pulses per revolution**, high performance **torque control**, and **mechanics** of the **highest quality**, it is easy to handle **very light weight bars**.

Simple



The step by step magazine is ideal for loading very thin bars and guarantees an **elevated autonomy** for the bars within the bar feeder that are to be machined.

The "**thin bars**" **kit** allows simpler loading of small-diameter bars into the magazine.

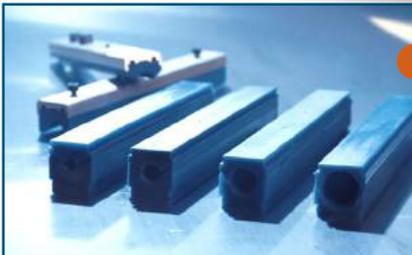


The new "**one touch**" **operator interface** can facilitate usage by less experienced operators and also has the ability to **memorize work programs** and easily recall them if needed. It is possible to remotely operate the bar feeder from the panel of the lathe*.



The **retooling** time takes only **4 minutes** thanks to the snap-in channel guides.

Fast



It is easy to reach **20,000 RPM** thanks to the closed circular polyurethane guide channel with calibrated section.

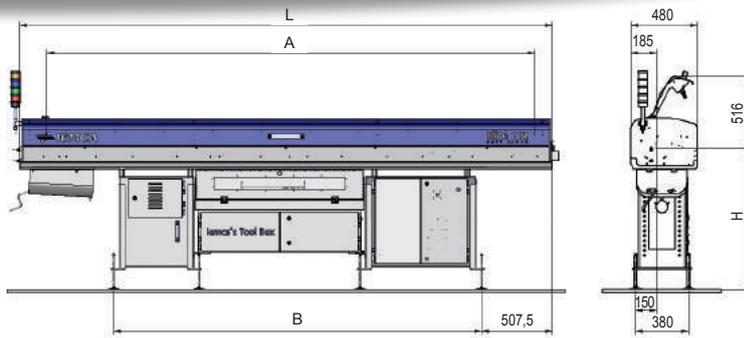
The **bar changeover time** has been reduced to **20 seconds** thanks to the new work cycle and new components**.

The **headstock idle times** caused by the synchronisation between the lathe and bar feeder have been **reduced to nothing****.



(*) Only for lathes with Windows operating system and only by request when ordering.

(**) The data is based on specific actual situations. Please contact your nearest IEMCA sales agent in order to receive an estimate for the productivity increase in your specific case.



Dimensions	20	32	37
L	2676	3816	4386
Amax	2100 (6 ft)	3200 (10.5 ft)	3700 (12 ft)
Amin	450		
B	1400	2635	3155
H	1000*	900-1300	

A = bar length

(*) For greater heights, contact your closest Iemca dealer.

Technical Characteristics

Round bar dimensions	∅ Min 0.8 mm (1/32")	∅ Max 12.7 mm (1/2")
Hexagonal bar dimensions (socket wrench)	∅ Min 1.5 mm (3/64")	∅ Max 11 mm (9/16")
Step by Step Magazine Capacity	41 bars (∅ 2 mm)	20 bars (∅ 12 mm)
Compressed air	6-8 bar	
Working axis height	900-1300 mm	
Installed power	1.8 KW	



Elite 112 Soft Touch is the most compact bar feeder in its category



Don't forget to always use original IEMCA spare parts to have maximum performance



IEMCA, a BUCCI AUTOMATIONS S.p.A. Division
Via Granarolo 167, 48018 Faenza (RA), ITALY
Tel. +39.0546.698000 Fax + 39.0546.46338
iemca.it@bucci-industries.com www.iemca.com

BRAZIL
BUCCI INDUSTRIES BRASIL (IGM DO BRASIL LTDA)
Avenida dos Pinheiros 465 - 13280-000 Vinhedo - SP (São Paulo)
Phone +55 19 3515 7220 iemca.br@bucci-industries.com www.buccibrasil.com.br

FRANCE
BUCCI INDUSTRIES FRANCE
145 Rue Louis Armand - ZI des Grands Pres - F - 74300 Cluses
Phone +33 450 896960 Fax +33 450 896135 iemca.fr@bucci-industries.com www.bucci-industries.fr

GERMANY
BUCCI INDUSTRIES DEUTSCHLAND GmbH
Stammheimer Str. 10 - D-70806 Kornwestheim
Phone +49 (0)7154 83 70 700 Fax. +49 (0)7154 83 70 7025 iemca.de@bucci-industries.com www.bucci-industries.com

JAPAN
IEMCA division of IGM Nippon K.K.
6-10-1, Kamoi, Midori-KU - Yokohama-Shi, Kanagawa, JAPAN Zip code 226-0003
Phone +81 45 931 5096 Fax +81 45 931 5098 iemca.jp@bucci-industries.com

PRC
BI-TECH (Suzhou) Co., Ltd.
106 Wufang Road, Wujiang Area, Suzhou, PRC 215200
Phone +86 512 8155 6988 Fax +86 512 8155 6986 iemca.cn@bucci-industries.com

TAIWAN
GIMCO Ltd.
NO. 297, Dongsing Rd., Dali City, Taichung County, 412, TAIWAN, R.O.C.
Tel +886-4-2406-6970 Fax +886-4-2406-6943 iemca.tw@bucci-industries.com www.gimco.com.tw

USA
BUCCI INDUSTRIES USA Inc.
9332 Forsyth Park Drive - Charlotte - NC 28273-9332 - USA
Phone 001-704-5838341 Fax 001-704-5838486 iemca.us@bucci-industries.com www.bucci-industries.us



Follow us on



Scan our QR code with your smartphone

