



KID 80⁺

 **IEMCA**
BUCCI
INDUSTRIES

KID 80⁺

The **KID 80⁺** is an automatic high-performance **short bar feeder**, ideal for applications on fixed headstock and CNC lathes, even equipped with the sub-spindle. The KID 80⁺ can handle **short bars** with diameters between **5 to 80 mm**, for bar lengths from **90*** to **1,615 mm**. It is designed to meet the needs of those ones are looking for accurate machining of **short bars**, adaptability to **frequent work changeovers** for small and medium size batch quantities, and **small** occupied space. The KID 80⁺ is **simple** to use, **robust** and featured by the **sub-spindle mode**.



The **KID 80⁺**
is your high
performance
short bar
feeder!

Benefits

Simple. The magazine has been improved from the previous versions and it is now equipped with a “simplified bar loading” kit, which allows simpler and safer loading of heavy bars. The new operator interface has been enriched with new functionalities which make machine usage easier and more intuitive than before. The quick disconnect bar pusher and the easy to access storage of the two unused bar pushers inside the machine help the bar pusher changeovers to be sensibly quicker and easier for the operator.

Robust. The steel structure guarantees an elevated stiffness of the bar feeder, which is extremely solid and stable even at elevated turning speeds. The magazine has been reinforced and its load capacity has been increased up to 400 kg without neglecting dimensions and space requirements.

Sub-spindle mode. The bar feeder can perfectly work with sub-spindle lathes thanks to the completely new sub-spindle software feature. It allows the measurement of the length of the bar introduced into the spindle without physically moving the bar pusher, but by using the interface signals sent by the lathe, thus resulting in shorter unproductive times and higher working speed. The feature is totally integrated in the standard user friendly operator interface.

(*) With optional device.

Simple



The **simplified bar loading kit** allows simpler and safer loading of heavy bars into the magazine.

Changeover time has been reduced to **less than 1 minute** thanks to the quick disconnect bar pusher and the easy access to the storage of the two unused bar pushers inside the machine**.



The **new one touch operator interface** can facilitate usage by less experienced operators and also has the ability to **store part programs** (up to 100) and easily recall them when needed by the operator. It is possible to remotely operate the bar feeder from the panel of the lathe***.

Axial and trasversal shifting devices guarantee easy access to the machine for maintenance and adjustments between the lathe and the bar feeder.



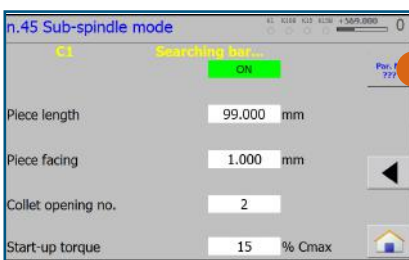
Robust



Load capacity has been increased up to **400 kg** thanks to the reinforced magazine.

The robust structure provides **high stability** even at elevated turning speeds.

Sub-spindle mode

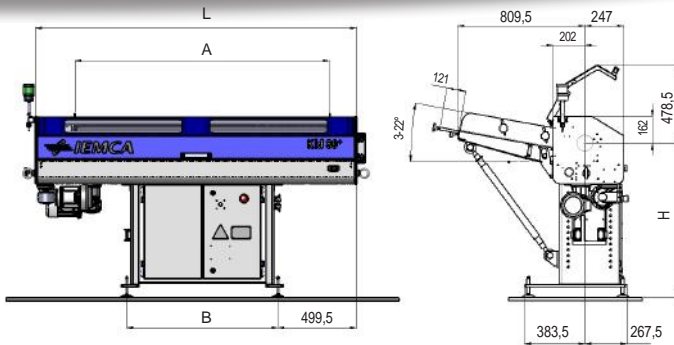


Sub-spindle software mode allows higher working speeds and lower unproductive times. Thanks to the measurement of the length of the bar introduced into the spindle, it is able to keep track of the number of finished pieces and to detect when to load a new bar, only requiring the operator to initially insert a few parameters.



(**) 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.

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



Dimensions (mm)

L	2042
Amax	1615 (5.3 ft)
Amin	90*-500
B	962
H	920-1300**

A = bar length

(*) With optional device.

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

Technical Characteristics

Round bar dimensions	∅ Min 5 mm (3/16")	∅ Max 80 mm (3")
Hexagonal bar dimensions (socket wrench)	∅ Min 5 mm (3/16")	∅ Max 65 mm (2 1/4")
Magazine Capacity	~600 mm - 400 kg	
Working axis height	920-1300 mm	
Installed power	1 kW	



KID 80⁺ can be controlled also through smartphone and tablet



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

