

For higher quality

- Hope dimensional accuracy of Hole process to below ± 0.005 mm
- Difficulty in accuracy of small and deep hole process
- Improvement of surface roughness



For high -variety low-volume manufacturing

- Hope accurate process of various hole diameter
- Hope machining program software



For more efficient

- Hope to save loss of pre-honing hole boring and finish honing by another machines
- Flexible correspondence with design change of workpiece



For shortage of operators

- Difficulty for craftsmanship process
- Time cost of technical succession of skillful

Do you have such problems ?

IKEGAI's Honing Center will solve these problems !

(Boring of pre-honing holes and honing processes can be done by one machine.)

Process shortening and higher efficient & accurate process can be realized.)

Boring & Honing finishing

B&H

**High accuracy
Pre-honing hole boring
and honing finishing by
one machine**

IKEGAI's Honing Center is the machinery in which machining center function and high accurate honing function are united.



**Saves processes
and floor space
by one machine**

**Economical for
unmanned long
time operation**

**Honing of various
hole diameter
can be arranged by
Auto tool changer**

**Machining dimension
can be kept up
by plug sizing
& air sizing device**

**Real-time situation
checking by CNC
honing head
expansion function**

IKEGAI

Rich Green on Land
Deep Blue in Sky and Sea

Since 1889

HONING CENTER *HM3/HM4/HM5*

**The new machine
we all have been waiting for**

Machining Center

Boring process

+

Honing Machine

Honing finish

Honing Center

Boring process & Honing finish

Boring function + Honing function



IKEGAI CORPORATION

<http://www.ikegai.co.jp>

Headquarters and Tsukuba plant

920-52 Serizawa, Namegata, Ibaraki, 311-3501
Tel : +81-(0)299-55-3111 Fax : +81-(0)299-55-3119

Nagoya sales office

Wisutoria building 3F, 4-13-46 Osu, Naka, Nagoya, Aichi, 460-0011
Tel : +81-(0)52-261-8221 Fax : +81-(0)52-261-8224

Ikegai (Shanghai) Machinery Company

190 Hua Ning Lu, Min Hang Qu, Shanghai, China 200245
Tel : +86-(0)216430-8918 Fax : +86-(0)216430-2550

Tokyo sales office and service center

3-43 Egasakicho, Tsurumikku, Yokohama, Kanagawa, 230-0002
Tel : +81-(0)45-580-3651 Fax : +81-(0)45-573-2851

Osaka sales office

No.2 Ikegami building 4F, 10-25 Hiroshibacho, Suita, Osaka, 564-0052
Tel : +81-(0)6-6386-9090 Fax : +81-(0)6-6386-4871

Sales engineering office

Ebaa Gureisu Honmachi 1-A, 1-4-3 Honmachi, Tokyo, 151-0071
Tel : +81-(0)3-3373-7241 Fax : +81-(0)3-3373-7243