

5 Whys YASDA

5 whys - To understand YASDA

1 Why is YASDA still doing hand scraping?

The hand scraping technique was first introduced during the industrial revolution in England for finishing sliding or datum surfaces. Due to technical advancements and quality improvements, processing machines have taken the place of this old technique. Nevertheless, we believe that the components finished by processing machines are less accurate than the machine accuracy created by hand scraping since hand scraping is the principle of manufacturing. This technique maintains the accuracy of every YASDA machine.

For YASDA, giving up hand scraping is synonymous with giving up manufacturing.



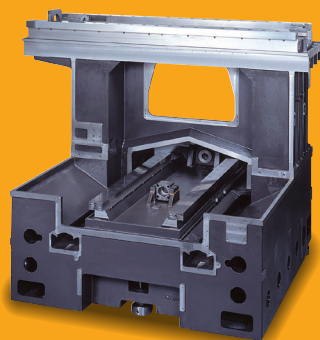
5 Whys

5 whys - To understand YASDA

2 Why are there many repeat customers in spite of expensive machines?

The guide ways, mounted on the meticulously hand scraped surfaces, not only result in high precision and high rigidity but also influence the long service life of the machine. There are many YASDA machines in use all over the world, many of which are older than 20 years yet they have still kept high accuracies.

Existing users select YASDA repeatedly after looking at the initial investment cost once they consider overall performance.



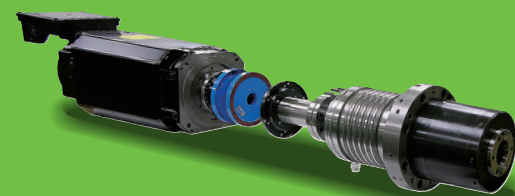
5 Whys

5 whys - To understand YASDA

3 Why has YASDA maintained the size of the company for so many years?

YASDA has consistently improved the performance of products and its production volume has increased each year. Meanwhile we use YASDA machining centers in our production. Despite this increase in production volume, improved productivity due to the performance and high accuracies of the YASDA factory machines is one of the reasons that YASDA has been able to maintain approximately 300 employees for many years.

We keep on improving YASDA products and productivity in the factory by using YASDA products.



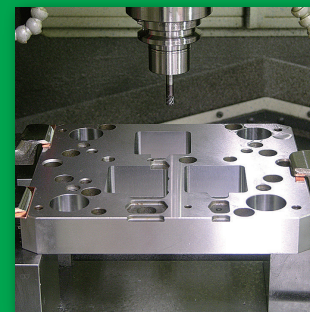
5 Whys

5 whys - To understand YASDA

4 Why did YASDA name its machining centers CNC jig borers?

We named our machining centers jig borers, which are subject to only a few microns positioning accuracies, because we are confident of their quality and preciseness. The main task of the jig borer is to finish bores with high precision. Boring is an essential manufacturing technique and it is necessary all the time for manufacturing.

YASDA machining centers are capable of high precision boring that fulfills jig borer accuracy.



5 Whys

5 whys - To understand YASDA

5 Why does YASDA aspire to be the best, rather than to increase the size of its business?

We manufacture each machine with strong enthusiasm. Our greatest moment is when our users experience that enthusiasm. We believe only the best product inspires customers.

We will continue to provide our customers' with satisfaction and excitement...



YASDA

YASDA PRECISION TOOLS K.K.
www.yasda.co.jp



Main Office & Factory

JAPAN
1160Hamanaka, Satoshio-cho, Okayama, 719-0303, Japan
TEL: +81/865-64-2511 FAX: +81/865-64-4535
E-mail: yasda@yasda.co.jp

Representative Office

GERMANY
Emanuel-Leutze-Str. 11 40547 Düsseldorf, Germany
TEL: +49/211-598937-40 FAX: +49/211-598937-50
E-mail: info@yasda.eu

Subsidiaries

USA
YASDA PRECISION AMERICA CORPORATION
1000 E State Parkway Unit B, Schaumburg, IL 60173, U.S.A.
TEL: +1/847-439-0201 FAX: +1/847-439-0260
URL: www.yasda.com
E-mail: yasda1@yasda.com

CHINA
YASDA PRECISION TOOLS (SHANGHAI)
Room306, Block C, Hongqiao Green Valley Plaza,
No.518 Shen Chang Rd, Min Hang District, Shanghai, 201107, Chin a
TEL: +86/21-62700955 FAX: +86/21-62700970

YASDA PRECISION TOOLS (SHANGHAI) DONGGUAN OFFICE
North Room 2006 Changan Vanke Center office building, 1 Changqing South Road,
Changan Town, Dongguan, Guangdong, 523841, China
TEL: +86/769-82283036 FAX: +86/769-82283086

*Export of the products and associated software, and related services are subject to prior approval of the Japanese government according to "Foreign Exchange and Foreign Trade Law".

Catalog No. General Leaflet E-26-N18
Printed in Japan 15.Jun.2023

CNC JIGBORER, MICRO CENTER

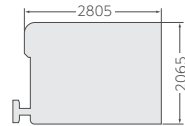
① Travel X,Y,Z ② Table working surface ③ Spindle speed range ④ Tool storage capacity (Standard)

CNC JIGBORER YBM 640V Ver.V

MOLD & DIE MILLER



- ① 600×400×350mm
- ② 700×450mm
- ③ 100~24,000min⁻¹
- ④ 30



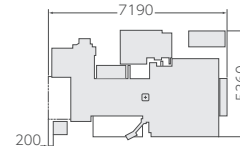
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3100

CNC JIGBORER YBM 1218V Ver.II

MOLD & DIE MILLER



- ① 1,800×1,200×600mm
- ② 1,800×1,200mm
- ③ 50~10,000min⁻¹
- ④ 32



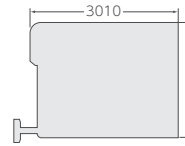
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3940

CNC JIGBORER YBM 950V Ver.V

MOLD & DIE MILLER



- ① 900×500×350mm
- ② 1,000×500mm
- ③ 100~24,000min⁻¹
- ④ 30



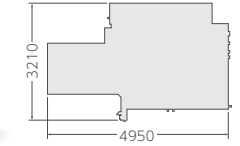
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3225

CNC JIGBORER YBM 9150V Ver.II

MOLD & DIE MILLER



- ① 1,500×900×450mm
- ② 1,500×900mm
- ③ 100~24,000min⁻¹
- ④ 60



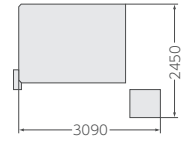
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3385

MICRO CENTER YMC 430 Ver.III

Linear Motor Drive



- ① 420×300×250mm
- ② 600×350mm
- ③ 200~40,000min⁻¹
- ④ 32



OUTLINE unit:mm
M/C HEIGHT (F.L.): 2670



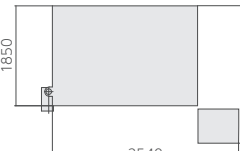
5-axis operation is possible with a rotary tilting table (YASDA RT-10).

MICRO CENTER YMC 650

Linear Motor Drive



- ① 600×500×280mm
- ② 700×550mm
- ③ 200~40,000min⁻¹
- ④ 32



OUTLINE unit:mm
M/C HEIGHT (F.L.): 2700

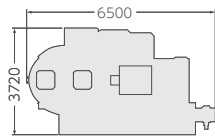
PRECISION CENTER

① Travel X,Y,Z ② Table working surface ③ Spindle speed range ④ Tool storage capacity (Standard)

PRECISION CENTER YBM 7T



- ① 950×800×800mm
- ② 630×630mm
- ③ 50~10,000min⁻¹
- ④ 60

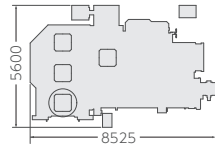


OUTLINE unit:mm
M/C HEIGHT (F.L.): 3145

PRECISION CENTER YBM 8T



- ① 1,300×1,000×1,100mm
- ② 800×800mm
- ③ 50~10,000min⁻¹
- ④ 60

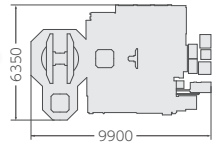


OUTLINE unit:mm
M/C HEIGHT (F.L.): 3495 (Y=1000ST.)
M/C HEIGHT (F.L.): 3745 (Y=1250ST.)

PRECISION CENTER YBM 10T



- ① 1,500×1,200×1,100mm (2,100×1,400×1,100mm)
- ② 1,000×1,000mm
- ③ 50~10,000min⁻¹
- ④ 60

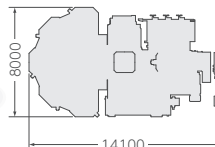


OUTLINE unit:mm
M/C HEIGHT (F.L.): 4125 (Y=1200ST.)

PRECISION CENTER YBM 15T



- ① 2,100×1,800×1,500 (W)300mm
- ② 1,500×1,500mm
- ③ 30~2,800min⁻¹
- ④ 60



OUTLINE unit:mm
M/C HEIGHT (F.L.): 5185 (Y=1800ST.)
M/C HEIGHT (F.L.): 5490 (Y=2100ST.)

PRECISION CENTER 5-AXIS

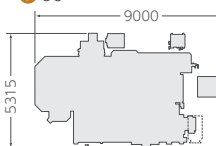
① Travel X,Y,Z ② Table working surface ③ Min. table indexing angle ④ Spindle speed range ⑤ Tool storage capacity (Standard)

PRECISION CENTER YBM 7Ti

CNC 5AXIS CONTROL



- ① 1,250×1,000×1,100mm
- ② 500×500mm
- ③ 0.0001 deg.
- ④ 50~10,000min⁻¹
- ⑤ 60



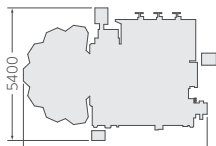
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3495

PRECISION CENTER YBM 8T-63TT

CNC 5AXIS CONTROL



- ① 1,000×1,000×1,100mm
- ② 630×630mm
- ③ 0.0001 deg.
- ④ 50~10,000min⁻¹
- ⑤ 60



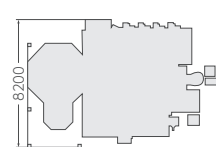
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3495 (Y=1000ST.)
M/C HEIGHT (F.L.): 3745 (Y=1250ST.)

PRECISION CENTER YBM 10T-100TT

CNC 5AXIS CONTROL



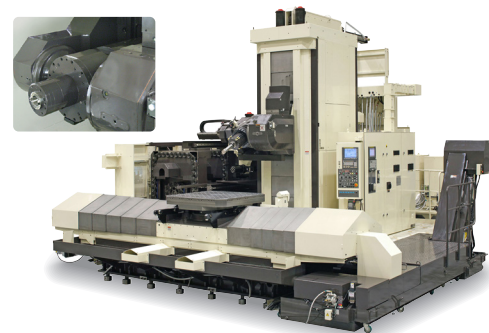
- ① 1,500×1,200×1,100mm
- ② 1,000×1,000mm
- ③ 0.0001 deg.
- ④ 50~10,000min⁻¹
- ⑤ 60



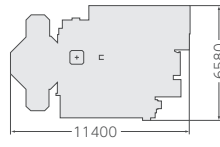
OUTLINE unit:mm
M/C HEIGHT (F.L.): 4885

PRECISION CENTER YBM 10T-TH

CNC 5AXIS CONTROL



- ① 1,500×1,500×1,800mm
- ② 1,000×1,000mm
- ③ 0.0001 deg.
- ④ 60~6,000min⁻¹
- ⑤ 60



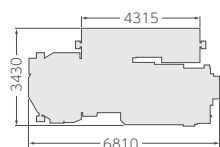
OUTLINE unit:mm
M/C HEIGHT (F.L.): 5600

PRECISION CENTER PX30i

CNC 5AXIS CONTROL



- ① 680×400×500mm
- ② φ185
- ③ 0.0001 deg.
- ④ 100~20,000min⁻¹
- ⑤ 323



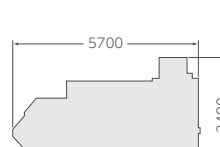
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3385

PRECISION CENTER H40i

CNC 5AXIS CONTROL



- ① 875×740×685mm
- ② 400×400mm
- ③ 0.0001 deg.
- ④ 200~20,000min⁻¹
- ⑤ 60



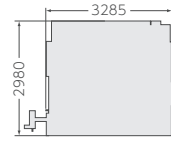
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3117

CNC JIGBORER YBM Vi40 Ver.III

MOLD & DIE MILLER



- ① 900×500×450mm
- ② φ400
- ③ 0.0001 deg.
- ④ 100~24,000min⁻¹
- ⑤ 60



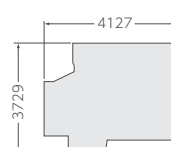
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3259

CNC JIGBORER YBM Vi50

MOLD & DIE MILLER



- ① 660×1,100×500mm
- ② φ500
- ③ 0.0001 deg.
- ④ 100~24,000min⁻¹
- ⑤ 60



OUTLINE unit:mm
M/C HEIGHT (F.L.): 3612