

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.



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5
Whys

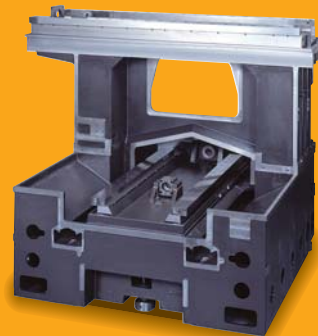
5 whys - To understand YASDA

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

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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 250 employees for many years.

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



5 Whys

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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

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

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CNC JIGBORER, MICRO CENTER

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

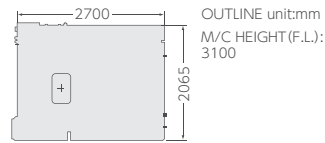
CNC JIGBORER

YBM 640V Ver.IV



MOLD & DIE MILLER

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



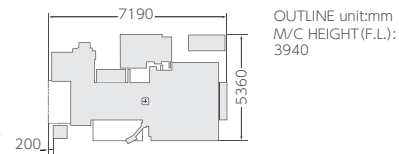
CNC JIGBORER

YBM 1218V Ver.II



MOLD & DIE MILLER

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



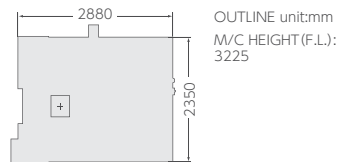
CNC JIGBORER

YBM 950V Ver.IV



MOLD & DIE MILLER

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



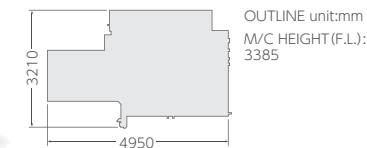
CNC JIGBORER

YBM 9150V Ver.II



MOLD & DIE MILLER

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



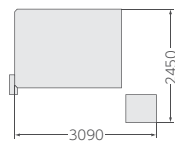
MICRO CENTER

YMC 430 Ver.III



Linear Motor Drive

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



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

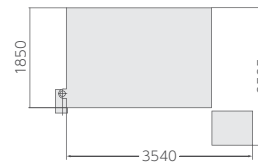
MICRO CENTER

YMC 650 Ver.III



Linear Motor Drive

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



OUTLINE unit:mm M/C HEIGHT (F.L.): 2699

PRECISION CENTER

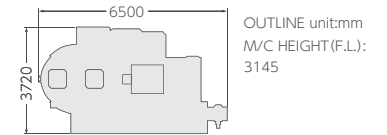
- ① Travel X,Y,Z ② Table working surface ③ Spindle speed range ④ Tool storage capacity

PRECISION CENTER

YBM 7T



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

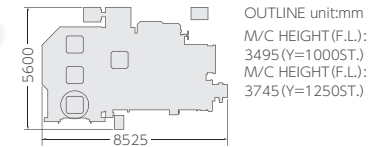


PRECISION CENTER

YBM 8T



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

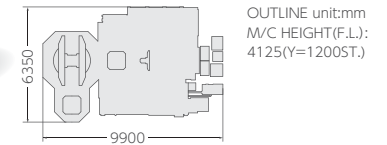


PRECISION CENTER

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 tools in 120 tools stand

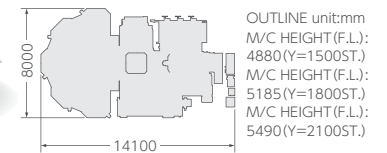


PRECISION CENTER

YBM 15T



- ① 2,100×1,500×1,200(W)300mm
② 1,500×1,500mm
③ 30~2,800min⁻¹
④ 60 tools in 120 tools stand



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

PRECISION CENTER

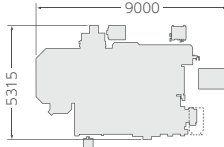
YBM 7Ti



CNC 5AXIS CONTROL



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



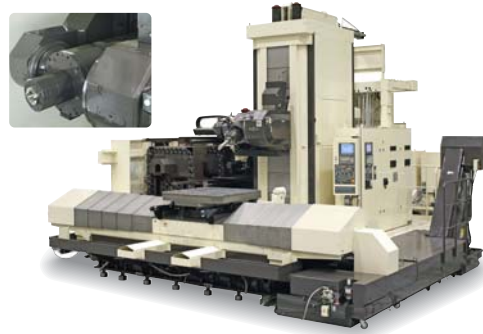
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3495

PRECISION CENTER

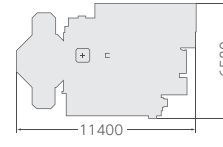
YBM 10T-TH



CNC 5AXIS CONTROL



- ① 1,500×1,500×1,800mm
- ② 1,000×1,000mm
- ③ 0.0001 deg.
- ④ 50–6,000min⁻¹
- ⑤ 60



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

CNC JIGBORER

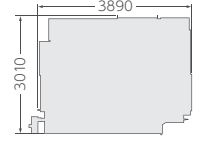
YBM Vi40 Ver.II



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.): 3515

PRECISION CENTER

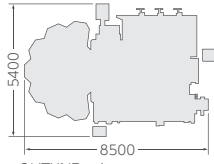
YBM 8T-63TT



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

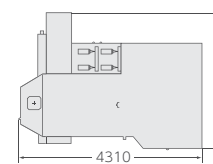
H30i



CNC 5AXIS CONTROL



- ① 650×560×560mm
- ② 300×300mm
- ③ 0.0001 deg.
- ④ 120–12,000min⁻¹
- ⑤ 60



OUTLINE unit:mm
M/C HEIGHT (F.L.): 2810

PRECISION CENTER

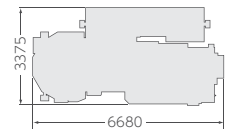
PX30i



CNC 5AXIS CONTROL



- ① 680×400×500mm
- ② φ185
- ③ 0.0001 deg.
- ④ 100–20,000min⁻¹
- ⑤ 306



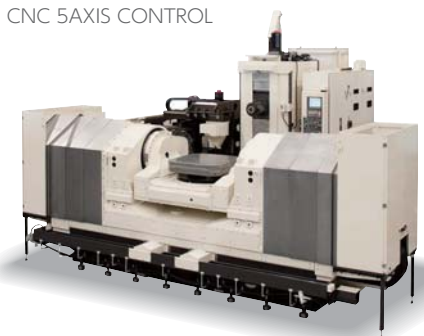
OUTLINE unit:mm
M/C HEIGHT (F.L.): 3335

PRECISION CENTER

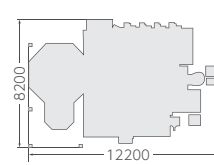
YBM 10T-100TT



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

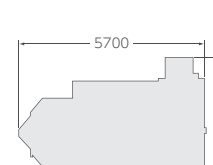
H40i



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