

BENDING ROBOT SYSTEM

Astro-100 NT

HDS-1030

AMC

High precision and high speed Bending Robots with Network Solution



Setup information can be indicated by graphics on display.

Complicated setup plan on step-bend processing is easily appreciated to operator by indicator.ASTORO and loading-unloading devices setup can be indicated, too.

Operation navigator system that can be operated easily to anyone.

Setup of machine to auto-operation from input data, can be easily done smoothly by following those navigator commands one after another with graphics on display.



1 Select of processing program.



2 Setup of tools layout.



3 Setting of tools alignment.



4 Setup of loading-unloading device of ASTORO.



5 Program check and confirmation of accuracy level.



6 Starting auto-operations.

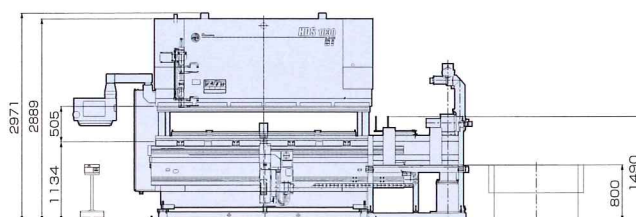
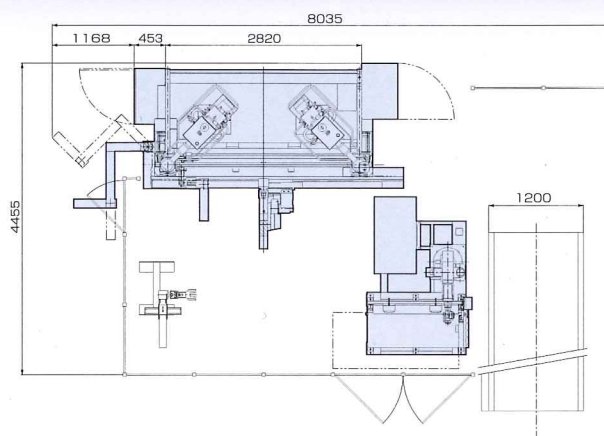
High precision of depth positioning, minimum changes of bending condition at long passage of time.

Base of bending machine with the HDS series of hybrid drive system of new development technology is adopted. Micron order of the positioning accuracy is realized.It is realized that precision is maintained within minimum change limits when continuous long times operation. Approach and restore speed = 200mm/s,Bending speed = 20mm/s, these are available.



Dimensions & Drawing

unit:mm



Conveyor device and safety fence are optional spec.

Robots unit spec

Type and number of axis	5 Axes, compound type
Payload	kg 20 (including Grippers)
Max.Workpiece Size	mm 800X1000X2.3 (Box Shape)
	mm 300X1800X2.3 (Rib Shape)

Bending machine spec

Capacity	kN{tonf}	980{100}
Bending length	mm	3000
Max.Stroke	mm	200
Number of Cylinder		2
Rising-up speed	mm/s (common to 50/60Hz)	200
Bending speed	mm/s (common to 50/60Hz)	20
Lowering speed	mm/s (common to 50/60Hz)	200
Motor	kW	10.1
Tank capacity	L (Liter)	40

※These specifications and machinery and equipment appearance are subject to change without notice for reason of improvement. Reference only.These specifications are only for Japanese version.And it to change by each export country.

Programing system (optional)



ASTRO CAM II

! Before using this machine, please read the operator's manual carefully and follow all applicable instructions.

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AMADA COMPANY, LTD.
200, Ishida, Isehara-shi, Kanagawa 259-1196 JAPAN
Phone:81-463-96-3305 Fax:81-463-93-1172
http://www.amada.co.jp

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