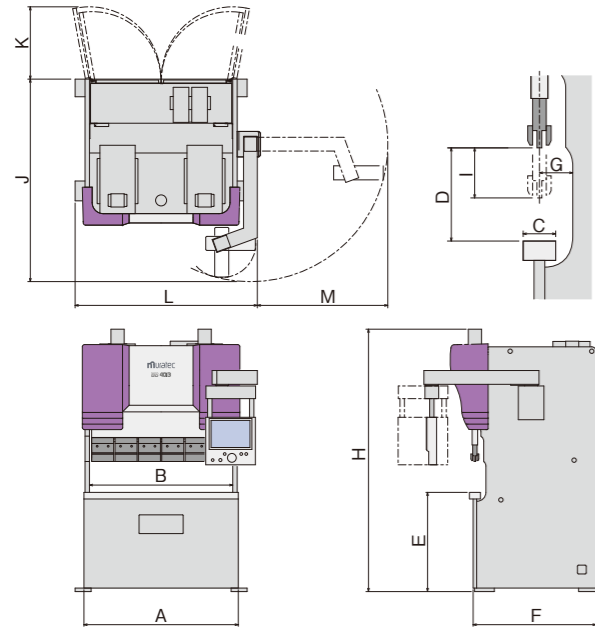
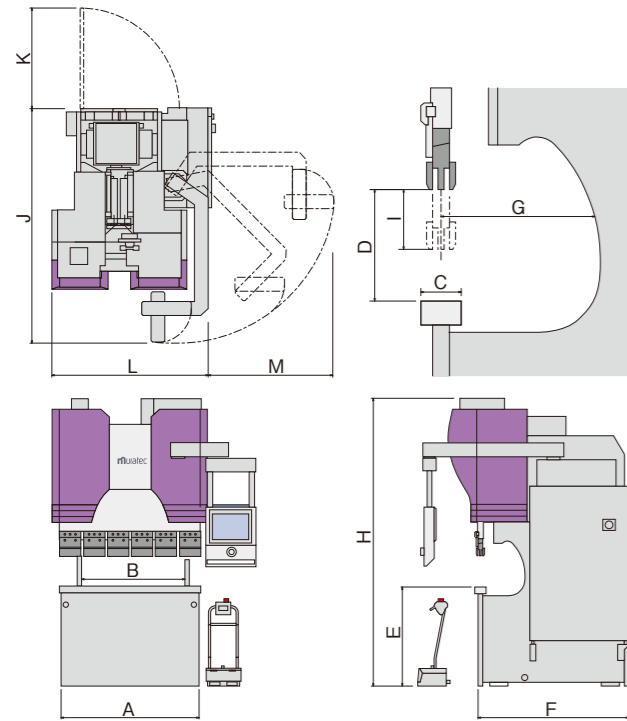


BB4013

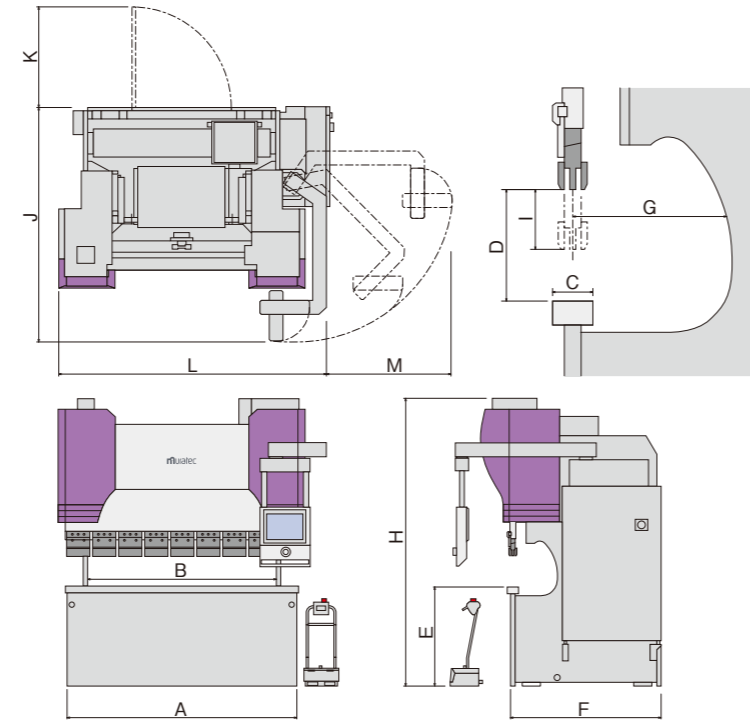


Specifications		BB4013	BB6013	BB6020	
Press force	kN	353	539	539	
	ton	36	55	55	
Bending length	mm	1260	1300	2100	
A Table length	mm	1400	1300	2100	
B Distance between frames	mm	1300	900	1700	
C Table width	mm	100	100	100	
D Open height	mm	280	280	280	
E Table height	mm	900	900	900	
F Machine depth	mm	1120	1360	1360	
G Gap depth	mm	100	400	400	
H Height from floor	mm	2380	2610	2610	
I Ram stroke	mm	150	150	150	
J Total depth	mm	1850	2070	2130	
K Safety door depth	mm	620	800	910	
L Total width	mm	1660	2750	3570	
M Control panel turn area	mm	1150	880	1145	
Ram Speed	Approach	mm/sec	100	0.95~95	0.95~95
	Bending	mm/sec	20	0.2~20	0.2~20
	Return	mm/sec	100	0.95~95	0.95~95
Power requirement	kVA	15	20	20	
Motor	kW	5.0	7.0	7.0	
Weight	ton	3.5	4.5	5.0	

BB6013



BB6020



* Machine appearance may differ to that shown in the catalogue pictures * All specifications are subject to change without advance notice

Ball Screw Press Brake
BB series



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http://www.meibanengg.com
e-mail: office@meibanengg.com

Realizes high productivity with AC servo motor and ball screw drive !

Muratec Ball Screw Press Brake BB series is driven by AC servo motor and ball screw mechanism. It has reached high productivity with a fast ram and back gauge plus extremely consistent repeat accuracy.

Ball Screw Press Brake **BB series**



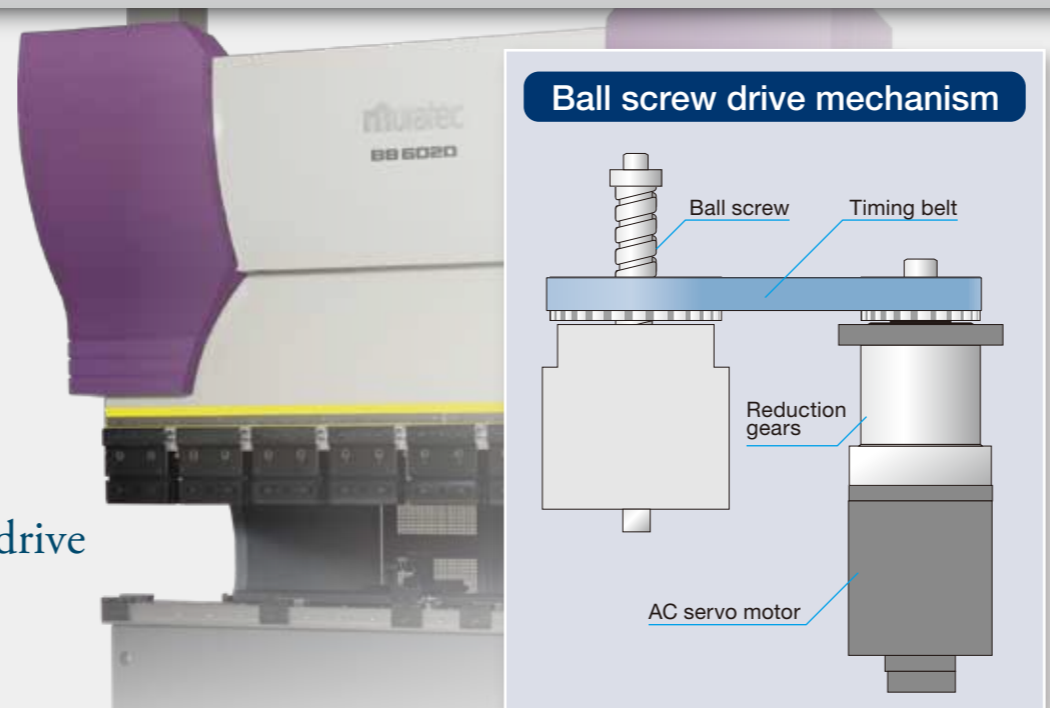
BB40 series : High rigid offset frame

BB60 series : High rigid "C" frame

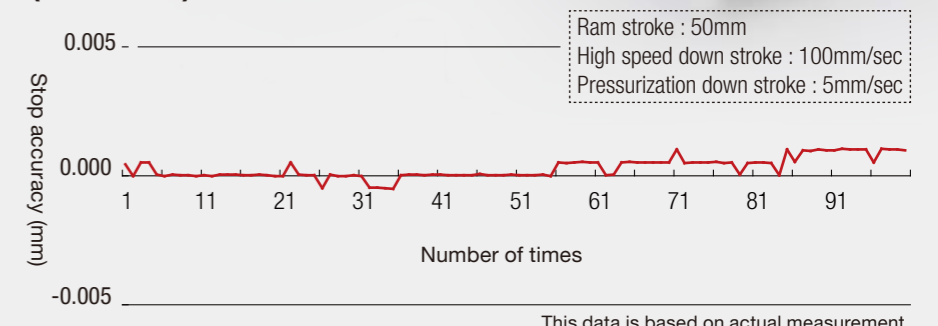
Ball screw drive

The ram shaft drive enables high-speed movement at 100mm/sec and stable repeat-stop accuracy by adopting a ball screw drive mechanism by AC servo motor and ball screw drive. This is a drive method superior in environmental performance including being oilless and noise reduction by the reducer.

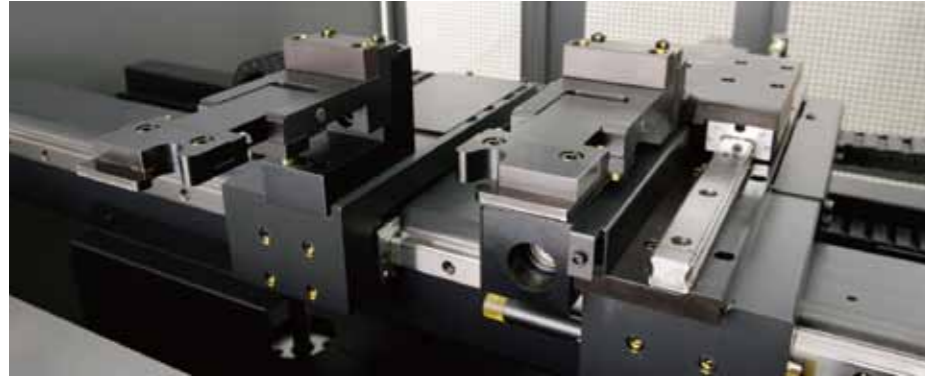
- High-speed movement by the ball screw drive
- Stable high repeating accuracy by the ball screw drive
- Environmental performance (oilless and noise reduction by the reducer)



Consistent repeated stop accuracy (No-load)

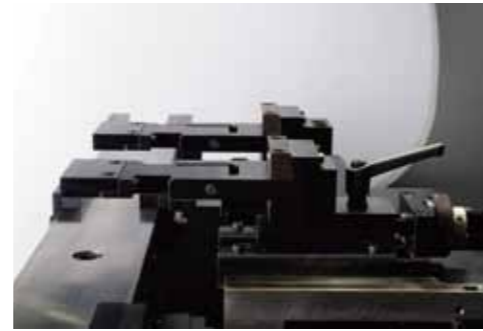


Back gauge FF-axis



FF-axis can be ± 100 mm back and forth Stopper. It is suitable for the fabrication of work with step.
*photo: BB60 series

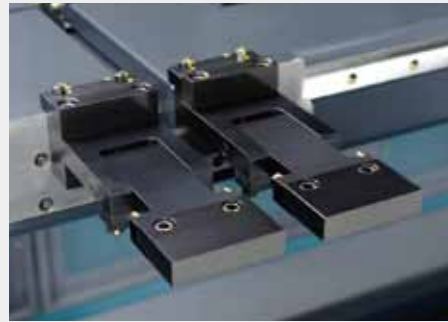
Manual fine-adjustment



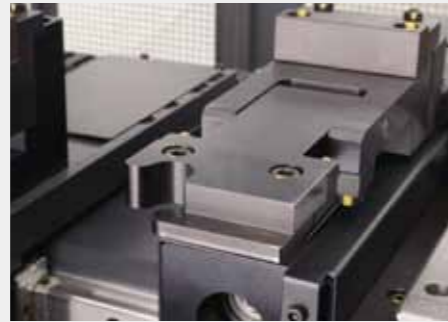
Fine adjustment of bending dimensions (left and right) can be easily performed manually.

Back gauge finger

Standard finger



Crab claw finger **Option**



Touch sensor **Option**



Step finger **Option**

Magnetic finger **Option**

Tool Clamp

Manual type



Holder for manually clamping European-style tooling

One touch type **Option**



The one touch clamp can be opened and closed with the clamp lever and tools can be easily attached and detached.



The one touch clamp can clamp any type of European tooling.

Universal type **Option**

WILA type **Option**

Safety system

Special mode for tool replacement



This is a special mode for tool replacement, the speed and pressure of which are controlled in order to avoid hazards during tool replacement.

Interlocked side guard **Option**



Movable parts from the side of the machine are guarded to prevent unexpected hazards and ensure safe work. When the side guard is opened, the machine is inoperable until the interlock is released.

Safety laser light system **Option**



*Red light beam is an exemplary image.

DSP-J



*Red light beam is an exemplary image.

AKASIII

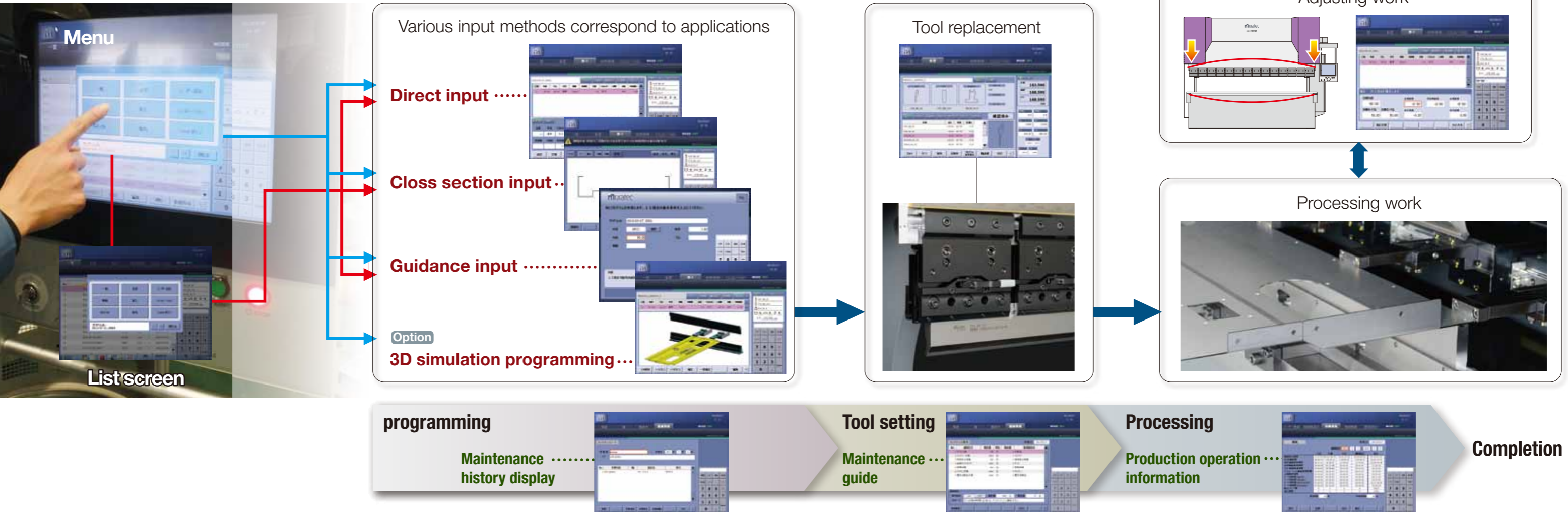
This is a safety device for practicable press brake which allows the machine to operate as long as the speed is 10mm/sec even when a laser beam is shielded to ensure safety of operators.

Interlocked rear safety fence



Intrusion to movable parts from the rear part of the machine is guarded to prevent unexpected hazards and ensure safe work. When the rear safety fence is opened, the machine is inoperable until the interlock is released.

Control system (MNC5000)



Maintenance (history · guide · Operation information)

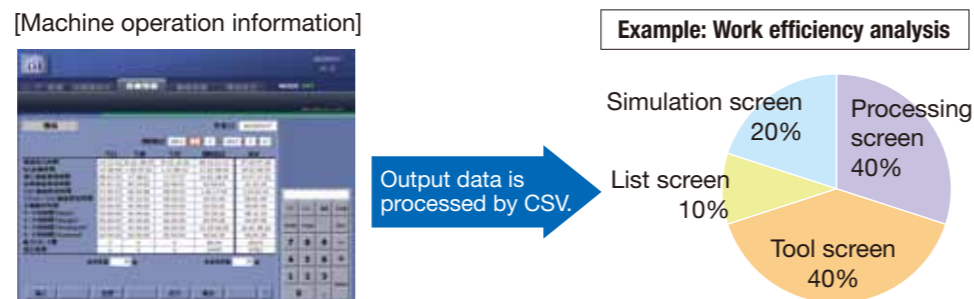
Maintenance history and maintenance guide

MNC5000 allows maintenance history and maintenance guide to be displayed and used as a chart of the machine. In addition, if the period of use of consumables including batteries is set, notice is displayed on the screen.



Operation information

Performance information including machine operation information, tool usage information, and processing information can be output and effectively used for work analysis.



Network

As a general manufacturer of sheet-metal machinery, Muratec always listens to the voices of its customers from job shops to manufacturers including single machine users, automated transportation system users and large-scale FMS users irrespective of scale and type of business, builds optimal solutions for its customers, and delivers them.

