

*Speedy, noiseless and easy.*

BCM SERIES

Beveling Machine

# BCM Series



Welding work has been improved and automated along welding technology advances but most beveling work before welding is still proceeded by gas cutting, a grinder or some hand-operated electrical tools. Such methods take much time and big strain to labors physically and also seriously reflect to the cost. Fukoku BCM Series succeeded to remove the noise and the vibration completely, improve shattering of dust and cutting powder and reduced labors workloads significantly. BCM Series works speedy in several times speed than the traditional way. In addition to mild steel plate, various materials which are utilized for welding structures as stainless steel, high-tensile steel, aluminum or titanium are possible to be beveled. BCM Series has four models for your choice upon plate thickness and beveling quantity.

## ● Features

### 1 No noise and vibration

BCM Series does not make a big noise or uncomfortable vibration to man hands as traditional beveling machines. It is environmentally gentle machine to beveling workers.



### 2 No shattering dust and cutting powder

BCM Series does not use tip type cutter or disc sander so not make a dust or cutting powder.



### 3 Speedy beveling

BCM Series works in several speed than times a traditional beveling machine.



## ● Full line up of BCM Series



## ● Where BCM Series is using



**Chemical plant and food machine manufacturer**

For manufacturing stainless steel or titanium food or beverage tanks



**Bridge**

For the earthquake strengthening material of bridge column or building posts



**Construction machine and shipbuilding**

For the material of track crane boom or outrigger.

Possible to bevel even high tensile strength steel!

# BCM made beveling work so easy!

- How to use BCM? -

## Every BCM model bevels and moves itself

When you bevel a small steel plate, just put the plate to BCM by hand and BCM automatically feed the plate afterwards. If you bevel a big plate, place it on the table and set it to BCM for automatic feeding. BCM moves by self-running.

【Picture, right】 BCM-12N is beveling the material at power generating plant. If the plate has a big curved line, BCM can bevel it as same as the straight line.



## BCM can bevel all the materials

In addition to mild steel plate, various materials which are utilized for welding structures as stainless steel, high-tensile steel, aluminum or titanium are possible to be beveled.

## Industry utilizing BCM Series

### Chemical Plant and Food machine manufacturer

Easily beveling even stainless steel or titanium, so suitable to produce as container tank

### Bridge

For the earthquake strengthening material of bridge or building columns, self-running BCM is just useful especially to produce build-H and to bevel U-rib.

### Construction machine and shipbuilding

For boom of track crane, outrigger material or high tensile steel.



BCM-16N is beveling waved part in build-H manufacturing at bridge maker.



BCM-16N is beveling a big stainless steel plate easily by self-running.

Or more the place where has a welding work.

# Full line up of BCM Series

- Choose the model upon the plate thickness and beveling depth -

To meet the needs,  
new model to bevel 40mm  
thickness is now releasing

**NEW**

## BCM-20N



**BCM-20N can bevel the plate with its thickness of 12 to 40mm.**

It has been developed for the industry using thick plate such as plant, shipyard or bridge maker.

Portable and light weight

## BCM-mini2



**BCM-mini2 is designed portable and lightweight. It bevels from small to big plate by self-running without the caster. Suitable thickness is approximately from 5-10mm but 3-6mm thickness can be also beveled if option onerous parts is attached.**

In manufacturing food machinery and containers, BCM-mini2 has shown a good performance in beveling stainless steel of 5mm, 6mm and 8mm thickness (For material of beer tank or earthquake strengthening material of high-way, etc)

Best seller in BCM Series

## BCM-12N



**BCM-12N is a medium-sized and suitable thickness is approximately from 6-12mm. The caster is necessary in beveling a big plate.**

BCM-12N has much demand the most. We also have exported many BCM-12N to USA or EU (For utilize to construction machinery, shipbuilding, tanks, etc).

For thick stainless steel beveling

## BCM-16N



**BCM-16N is developed to easily work in beveling medium size plate. Suitable thickness is approximately 6-22mm. Machine weight is 120kg and the caster is necessary in beveling a big plate.**

BCM-16N can show a good performance especially in beveling thick stainless steel. In beveling by Plasma or other machines make a big cost. BCM-16N contributes to improve reducing the cost and also made to finish working in a half day which has taken three days by the current way.