



Band Saw

ASADA PROFESSIONAL TOOLS
Plumbing Equipments

Asada Cutting Machines

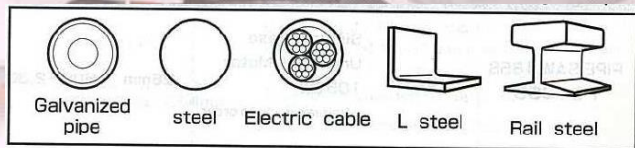
Portable Band Saw Series



Cut various pipes and steels straight and quickly on the job site!!



For cutting stainless steel pipe, steel pipe, plastic coated steel pipe, conduit pipe, PVC pipe, plastic pipe, cast iron pipe, steel materials, square pipe, round bar, aluminum frame and so on.





Features

1. Straight Cut

The most suitable cutting load can be selected with the precision cutting adjustment device.

Cutting accuracy standard is 0.5mm.

Chain vise holds any shape of material securely.

Angled cutting with flat vise.

Clean cut surface.

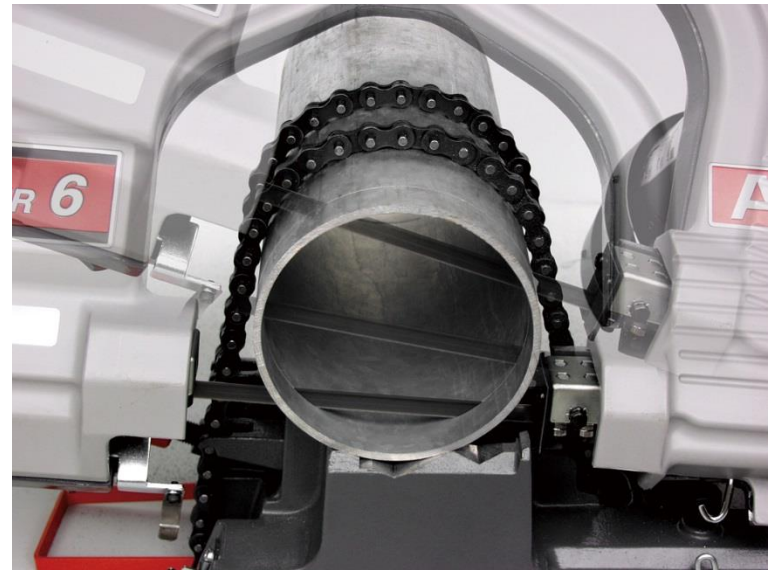
2. High Speed Cut

3. Safe & No Pollution

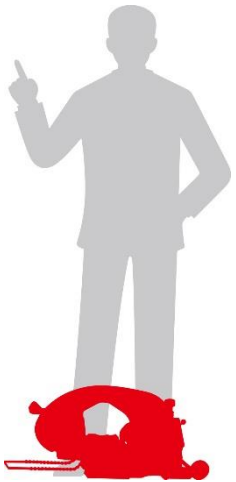
No spark, no cutting dust and low noise.

Dry cutting (no cutting oil needed).

Frame stopper for safety.



Band Saw Beaver 4 Eco ▪ 4F Eco ▪ 6 ▪ 6F

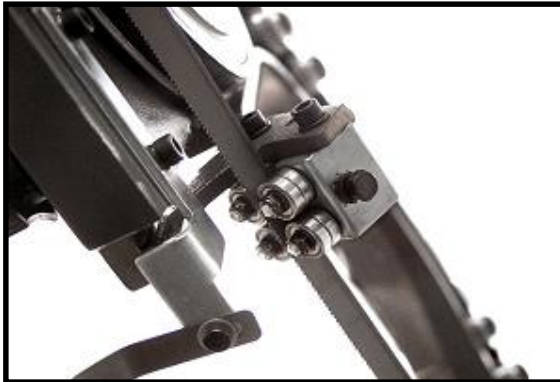


Item		Band Saw Beaver 4 Eco	Band Saw Beaver 4F Eco		Band Saw Beaver 6	Band Saw Beaver 6F	
Code No.		BB400	BB40F		BB003	BB103	
Cutting capacity	Angle	90°	90°	45°	90°	90°	45°
	Steel pipe	φ 130mm	φ 120mm	φ 50mm	φ 180mm	φ 180mm	φ 77mm
	H steel	100 x 100mm	100 x 100mm	—	150 x 150mm	150 x 150mm	—
	Square pipe	□ 100mm	□ 100mm	□ 50mm	□ 150mm	□ 150mm	□ 75mm
	Round bar	φ 60mm	φ 60mm	φ 50mm	φ 80mm	φ 80mm	φ 75mm
Weight		31kg	33kg		42kg	47kg	
Dimensions		(L)740 x (W)390 x (H)330mm	(L)740 x (W)390 x (H)330mm		(L)975 x (W)415 x (H)415mm	(L)975 x (W)415 x (H)415mm	
Motor		200W	200W		200W	200W	
Standard accessories		14TPI HSS blade (1 pce.)	14TPI HSS blade (1 pce.)		14TPI HSS blade (1 pce.)	14TPI HSS blade (1 pce.)	

Straight Cut



8 roller bearings support the saw blade securely.



Slide Blade Guide for small size pipes (except Band Saw 32F).



Precision cutting adjustment device (Oil damper on Beaver 8&8F, 10, Band Saw 32F).



Adjustable Blade Guide for oblique cut correction.

Straight Cut



Cut surface by an abrasive cutting machine is distorted, burned and has burrs.



Cut surface by Asada Band Saw is straight and clean.



[Click for playing video](#)



High speed and straight cut.



Genuine saw blades designed for high speed straight cutting.

High Speed Cut



[Click for playing video](#)



Cut small pipes in a bundle (Chain vise).

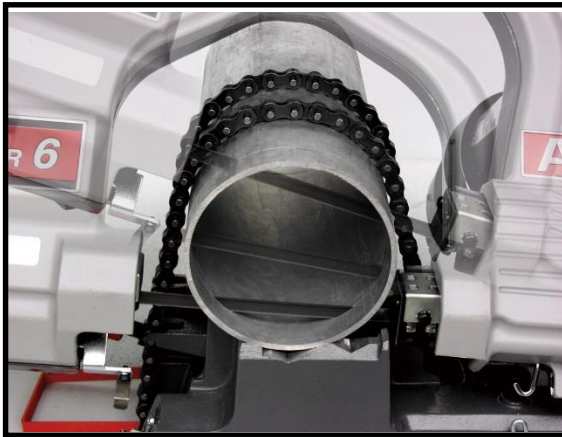


Cutting by a hack saw machine (cutting oil is required).

Asada Portable Band Saw



Safe & No Pollution



No spark! No cutting dust! Low noise!
Dry cut without cutting oil.

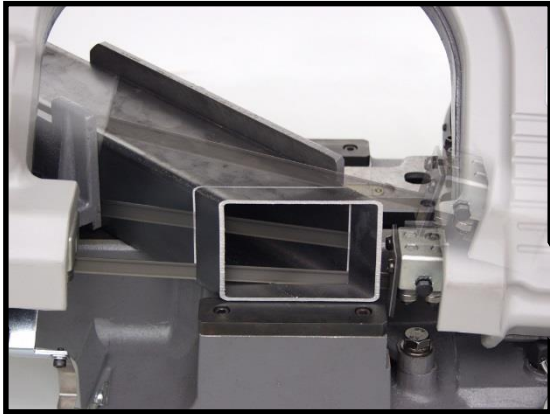


Flame Stopper (except Band Saw 32F).



Cutting by an abrasive cutting machine.

Other Features



Angled cutting (Flat vise).



Pipe Support (optional).



Saw blade can be replaced from front side (Beaver 4&4F, 6&6F series).



Smooth movement of frame with ball bearings.

Portable Band Saw

Asada

Band Saw 8 ▪ 8F ▪ BB10 ▪ 32F



Item		Band Saw Beaver 8		Band Saw Beaver 8F		Band Saw Beaver 10		Band Saw 32F	
Code No.		BB800		BB80F		BB274		BS324	
Cutting capacity	Angle	90°		45°	90°	90°		45°	90°
	Steel pipe	φ 220mm		φ 220mm	φ 115mm	φ 270mm		φ 320mm	φ 195mm
	H steel	200x150mm		200x150mm	125x125mm	200x200mm		300x300mm	200x200mm
	Square pipe	□ 175mm		□ 175mm	□ 125mm	□ 200mm		□ 300mm	□ 200mm
	Round bar	φ 100mm		φ 100mm	φ 100mm	φ 100mm		φ 150mm	-
Weight		52kg		61kg		56kg		114kg	
Dimensions		(L)1,050x(W)390x(H)490mm		(L)1,050x(W)390x(H)490mm		(L)1,025x(W)445x(H)490mm		(L)1,530x(W)620x(H)640mm	
Motor		200W 50/60Hz		200W 50/60Hz		200W 50/60Hz		300W 50/60Hz	
Standard accessories		14TPI HSS blade (1pce)		14TPI HSS blade (1pce)		14TPI HSS blade (1pce)		10TPI HSS blade (1pce)	

Band Saw 32F



Easy to transport



Dry cutting, single phase motor, portable but can cut $\phi 320\text{mm}$ pipe / $\square 300\text{mm}$ square pipe.

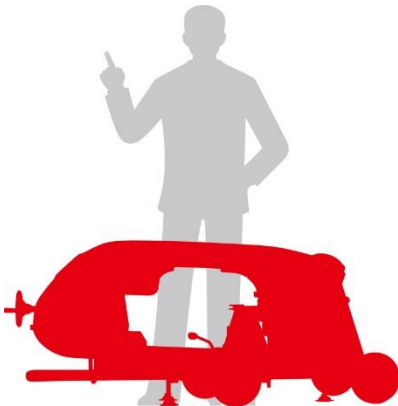
Fine adjustment function for cutting accuracy.



Cutting load adjustment by oil damper for straight cut.



Pipe Support (optional)



Designed and made for “straight cut”,
“high speed cut” and “long service life”.

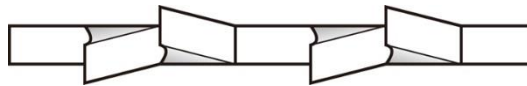
Material : SK

- For cutting steel pipes and section steels.
- Multipurpose and economical.

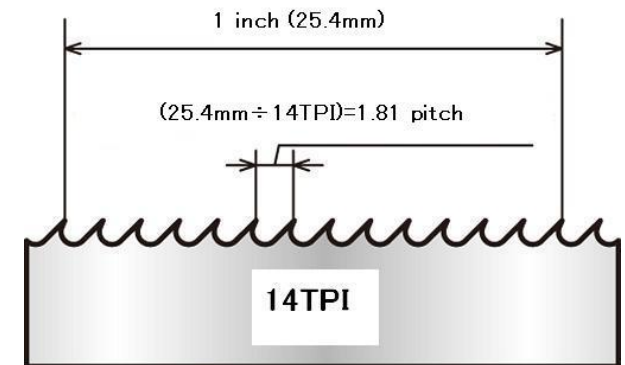
HSS
(with cobalt)

- For cutting stainless steels.
- Blade tip made of HSS with cobalt.
- Long service life.

Tooth set : 3 teeth (standard)



TPI : Beaver series, Band Saw 222 ▪ 22F
8, 10, 14, 18, 24TPI
Band Saw 32F
4/8, 6/10, 10, 14TPI



Technical Information (Cutting Data)

*Data is average for reference.
Differ by operational condition.

Model BB4/B4F Eco			50Hz		60Hz		Cutting Adjustment
Type of Pipe	Material	Type of Blade	The # of Cutting	Cutting Time (ave)	The # of Cutting	Cutting Time (ave)	
GI Pipe (Galvanized Water Pipe)	SGP 1" $\phi 30.0 \times t=3.2$	SK14	190	53"	220	45"	2
		BM14	580	36"	650	31"	
	SGP 2" $\phi 60.5 \times t=3.8$	SK14	90	1'28"	105	1'13"	3
		BM14	270	36"	305	30"	
	SGP 4" $\phi 114.3 \times t=4.5$	SK14	50	2'47"	60	2'06"	4
		BM14	100	1'38"	120	1'14"	
Stainless Steel Pipe	SUS 2" $\phi 60.5 \times t=2.8$	BM14	70	3'12"	80	2'40"	2
	SUS 4" $\phi 114.3 \times t=3.0$	BM14	55	4'25"	60	3'27"	3
Square Pipe	$\square 100 \times t=6.0$	SK14	30	3'42"	30	2'35"	4
		BM14	65	2'57"	70	2'03"	

Model BB6/BB6F			50Hz		60Hz		Cutting Adjustment
Type of Pipe	Material	Type of Blade	The # of Cutting	Cutting Time (ave)	The # of Cutting	Cutting Time (ave)	
GI Pipe (Galvanized Water Pipe)	SGP 1" $\phi 30.0 \times t=3.2$	SK14	280	46"	330	39"	2
		BM14	850	27"	1,000	23"	
	SGP 2" $\phi 60.5 \times t=3.8$	SK14	130	1'20"	155	1'08"	3
		BM14	390	29"	460	24"	
	SGP 4" $\phi 114.3 \times t=4.5$	SK14	55	3'07"	65	2'37"	3
		BM14	140	1'51"	170	1'33"	
	SGP 6" $\phi 165.2 \times t=5.0$	SK14	20	4'42"	25	3'55"	4
		BM14	75	2'31"	90	2'06"	
Stainless Steel Pipe	SUS 2" $\phi 60.5 \times t=2.8$	BM14	125	2'02"	145	1'43"	2
	SUS 4" $\phi 114.3 \times t=3.0$	BM14	70	5'00"	85	4'11"	3
	SUS 6" $\phi 165.2 \times t=5.0$	BM14	34	6'12"	40	5'10"	4
Square Pipe	$\square 150 \times t=6.0$	SK14	30	4'48"	34	4'00"	4
		BM14	70	3'49"	80	3'11"	

Remark: At the time of change blade, please cut 1 or 2 times in trial cutting with lowest weight (narashi setsudan) to prevent from deforming blade setting and also for straight cutting.

Technical Information (Cutting Data)

*Data is average for reference.
Differ by operational condition.

Model Beaver 8/8F			50Hz		60Hz		Cutting Adjustment
Type of Pipe	Material	Type of Blade	The # of Cutting	Cutting Time (ave)	The # of Cutting	Cutting Time (ave)	
GI Pipe (Galvanized Water Pipe)	SGP 8"	SK14	20	9'36"	25	8'00"	H
	φ216.3xt=5.8	BM14	35	7'12"	45	6'00"	
	SGP 6"	SK14	30	6'48"	42	5'40"	H
	φ165.2xt=5.0	BM14	100	3'54"	120	3'15"	
	SGP 4"	SK14	90	3'36"	110	3'00"	M
	φ114.3xt=4.5	BM14	150	2'06"	180	1'45"	
Stainless Steel Pipe	SUS 8" φ216.3xt=6.5	BM14	30	17'12"	35	14'20"	L
	SUS 6" φ165.2xt=5.0	BM14	50	10'06"	65	8'25"	L
	SUS 4" φ114.3xt=3.0	BM14	110	8'06"	135	6'45"	L
	SUS 2" φ 60.5xt=2.8	BM14	160	5'12"	200	4'20"	L
Square Pipe	□ 175xt=6.0	BM14	40	6'48"	50	5'40"	M
	□ 125xt=6.0	BM14	50	6'06"	65	5'05"	M
	□ 50xt=3.2	BM14	320	1'24"	400	1'10"	L
Angle Steel	150 x 150 x 12	BM10	70	6'00"	85	5'00"	M
Channel Steel	200x80x11x7.5	BM10	65	9'30"	80	7'55"	M
I-Steel	150x150x10x7	BM10	35	11'42"	45	9'45"	M

Model BS32F			50Hz		60Hz		Cutting Adjustment
Type of Pipe	Material	Type of Blade	The # of Cutting	Cutting Time (ave)	The # of Cutting	Cutting Time (ave)	
GI Pipe (Galvanized Water Pipe)	SGP 12" φ318.5xt=6.9	BM10	30	9'36"	35	8'00"	3-5
	SGP 8" φ216.3xt=5.8	BM10	50	5'24"	60	4'30"	3-5
	SGP 6" φ165.2xt=5.0	BM10	70	3'36"	90	3'00"	3-5
	SGP 4" φ114.3xt=4.5	BM10	110	2'24"	140	2'00"	4-6
Stainless Steel Pipe	SUS 10" φ267.4xt=6.5	BM10	15	13'12"	18	11'00"	1-3
	SUS 6" φ165.2xt=5.0	BM10	20	9'36"	25	8'00"	2-4
	SUS 2" φ 60.5xt=2.8	BM10	80	2'24"	100	2'00"	2-4
Square Pipe	□ 300 x t=6.0	BM 6/10	20	12'36"	25	10'30"	3-5
	□ 200 x t=6.0		45	6'00"	55	5'00"	
	□ 150 x t=6.0		70	3'36"	90	3'00"	
H-Steel	300x300 t=10	BM 6/10	18	14'24"	23	12'00"	3-5
	200x200 t=8		35	7'12"	45	6'00"	
	200x150 t=6		50	5'24"	60	4'30"	
Round Bar (S45C)	φ 150mm	BM 4/6	12	13'12"	15	11'00"	1-2
	φ 100mm		24	7'12"	30	6'00"	

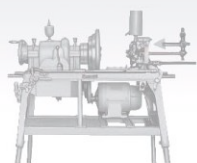
Remark: At the time of change blade, please cut 1 or 2 times in trial cutting with lowest weight (narashi setsudan) to prevent from deforming blade setting and also for straight cutting.



Seeking for the optimum quality in every product, engineering and culture.

We have been working to provide high quality products for over 60 years. For example, our core product, the pipe threading machine, was first developed and marketed in 1953, but we continuously improve the quality of the unit.

We continue to improve.



Pisot No.1



Pisot 2S-J



Panda 50



Astronic 2



Beaver 50



The most advanced technology and ASADA's basic engineering skills.

New fundamental technology for the next generation.

Innovation. It's the revolution. It means a challenge to incorporate new ideas without fear. It's our traditional attitude in manufacturing. It's the spirit of every one of our employees. A new conception apart from the existed engineering is needed to achieve the innovation. And, the corporate philosophy to challenge without fear for failure creates an invention.

70 years history is providing us the new engineering skill to support the company in the 21st century.



High speed refrigerant recovery machine
Ecosaver Tetra



Electrostatic refrigerant reclaim machine
Ecocycle Aurora



Plasma refrigerant decomposition device
Plasma X



Manufacturing products and educating employees which meet the global standards in worldwide views.

In May 2008, ASADA received the "Ozone Layer Protection Award" from U.S. Environmental Protection Agency. Since we started sales the first refrigerant recovery machine with oil-less compressor in Japan in 1995, we have been developing various refrigerant recovery machines, reclaim machines, SF6 recovery machines, decomposition device. Additionally we have been training many technicians not only in Japan but also in Thailand, Mongolia and so on in the field of refrigerant recovery. We are proud that our efforts were recognized.

We are going to contribute to the environmental protection spreading our technology to developing countries.



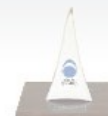
"2008 Ozone Layer Protection Award" from EPA



Refrigerant recovery technical seminar in Mongolia



2000.5.
Recycled "Brand Creator Nagoya"
prize by the Nagoya Chamber of
Commerce



2004.3.
Recognized as the "Aichi Brand
Enterprise" by Aichi Prefecture
government.



2006.2.
Received 2006 Aichi Environment
Award, Mayor of Nagoya Prize.



2007.3.
Received "Protection of Ozone Layer
and Prevention of Global Warming
Award", Ministry of Environment Prize.

Refrigerant recovery business

We support CO2 emission reduction by recovering and reclaiming refrigerant and green house gases.

Doctor Homes

Our subsidiary company, Doctor Homes recovers/reclaims/destroys various refrigerant and recovers/reclaims SF6, lithium bromide and so on. They have offices in Nagoya, Tokyo, Mie and Osaka.

