



Made In Japan



Foundry Equipment Catalog



www.hirado.co.jp



Casting Splitter Series



The Casting Splitter EP-Series, for splitting gates from iron castings. Compared to traditional hammering, plasma cutting and grinding methods, the EP-Series provide easier, faster and safer solutions.

In combination with Hirado's self developed hydraulic pump, the EP casting splitter splits the unnecessary parts from the casting safely and easily within seconds and without damage. The EP splitter is lightweight, compact and fully rotatable, allowing for different angles of splitting.

Multiple models are available depending on the gate size and power necessary. In addition, all models can be adapted with different handles depending on the position of the conveyor belt and/or the working conditions.

Advantages

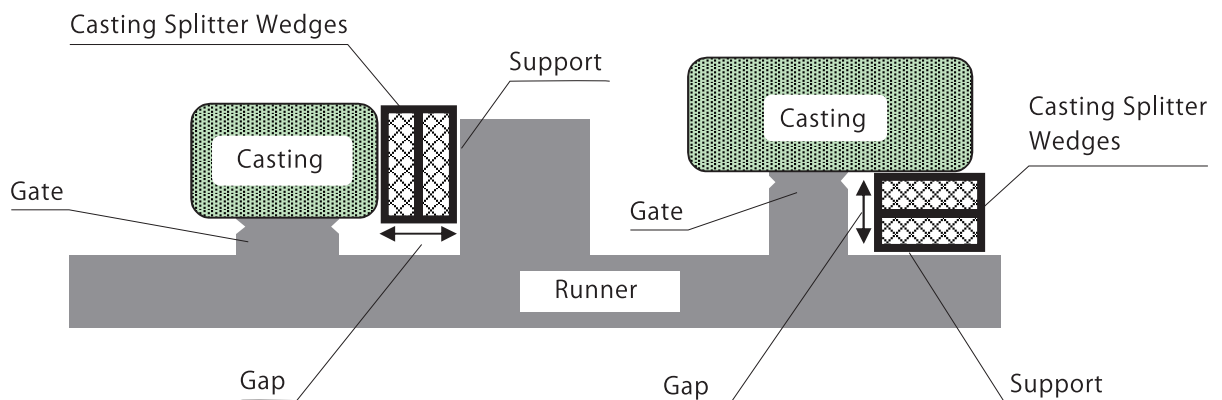
Fast Degating

Easy Operation

Lightweight

Safe

Splitting Method



Model Selection Chart

Model	Length	Weight	Splitting Force	Opening Width	Wedges		
					Top Width	Base Width	Height
EP-30(20)	488mm 19.2"	8kg 17lbs	50kN 5.6tons	20mm 0.78"	12mm 0.47"	60mm 2.36"	30mm 1.18"
EP-40	569mm 22.4"	12kg 26lbs	72kN 7.3tons	30mm 1.18"			31mm 1.22"
EP-80N(30)/(30)L	526mm/571mm 20.7"/22.5"	18kg/19kg 40lbs/42lbs	147kN 15tons	23mm 0.91"		68mm 2.68"	44mm 1.73"
EP-80N(23)/(23)L		17kg/19kg 37lbs/42lbs	191kN 19.5tons		75mm 2.95"	33mm/44mm 1.30"/1.73"	
EP-100(32)	735mm 28.9"	25kg 55lbs	331kN 33.8tons	32mm 1.26"	15mm 0.59"	83mm 3.27"	31mm 1.22"
EP-150(32)	793mm 31.2"	31kg 69lbs	500kN 51tons			90mm 3.54"	34mm 1.34"
EP-200(32)	812mm 32"	52kg 115lbs	682kN 69.5tons			55mm 2.17"	

Side Handle Selection

Switch Handle Selection

<p>1 Side Grip</p> <p>2 Short Slide</p> <p>3 Long Slide</p>		<p>1 L Handle</p> <p>2 U Handle</p> <p>3 D Handle</p>	
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Breaking Capability*

<p>EP-30</p>			
<p>EP-40</p>			
<p>EP-80N</p>	<table border="0"> <tr> <td style="text-align: center;"> <p>EP-80N(30)</p> </td> <td style="text-align: center;"> <p>EP-80N(23)</p> </td> </tr> </table>	<p>EP-80N(30)</p>	<p>EP-80N(23)</p>
<p>EP-80N(30)</p>	<p>EP-80N(23)</p>		
<p>EP-100</p>			
<p>EP-150</p>			
<p>EP-200</p>			

* Breakable sizes are for reference only. Actually testing is advised

Snap Breaker Series

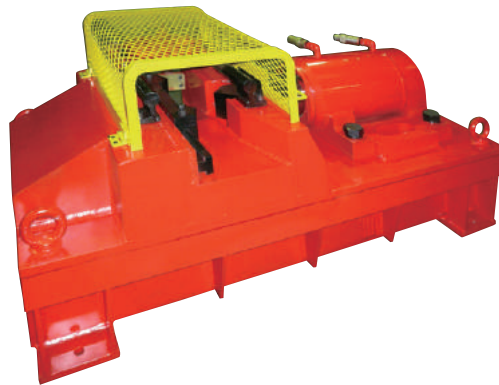
Handheld Type



SBT-2



SBT-100



Advantages

**Fast Breaking
Of Runners**

Easy Operation

Cost Reduction

Safe

The Snap Breaker SBH & SBT Series for breaking unnecessary iron runners and sprues. Breaking runners and sprues increases the efficiency of furnaces and eliminates any bridging within furnaces.

Compared to ordinary hammering, plasma cutting and grinding methods, the Snap Breaker provides a faster, safer and easier alternative. Breaking runners and sprues can now be done easily within seconds.

The Snap Breaker is available in both Handheld (SBH) and Stationary (SBT) versions. Different models are available depending on the size of runners and sprues. Like all Hirado equipment, all Handheld models can be adapted with different handles to suit the user and working environment.

Snap Breaker Model Selection Chart

Model	Length	Weight	Cylinder Output	Max. Gap
Handheld				
SBH-1	640mm, 25.2"	20kg, 44lbs	121kN, 12.3tons	50mm, 1.97"
SBH-1L	781mm, 30.7"	38kg, 84lbs	185kN, 18.9tons	60mm, 2.36"
SBH-2	848mm, 33.4"	65kg, 143lbs	222kN, 23.7tons	56mm, 2.2"
SBH-2L	957mm, 37.7"	97kg, 214lbs	397kN, 40.5tons	88mm, 3.46"
Stationary				
SBT-2	962mm, 37.9"	130kg, 287lbs	397kN, 40.5tons	88mm, 3.46"
SBT-100	1700mm, 66.9"	1700kg, 3749lbs	1040kN, 106tons	130mm, 5.12"

Handheld Type

Breaking Capability*

			Ductile	Grey
SBH-1				
SBH-1L				
SBH-2				
SBH-2L				

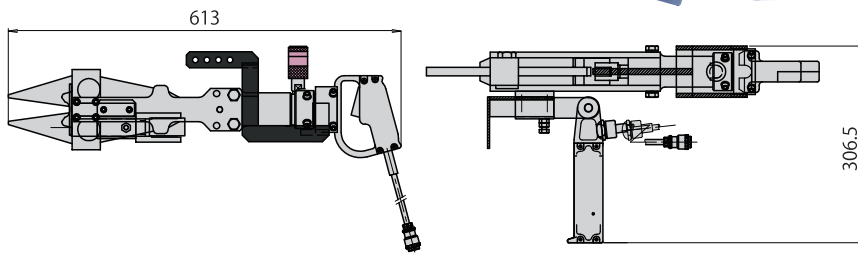
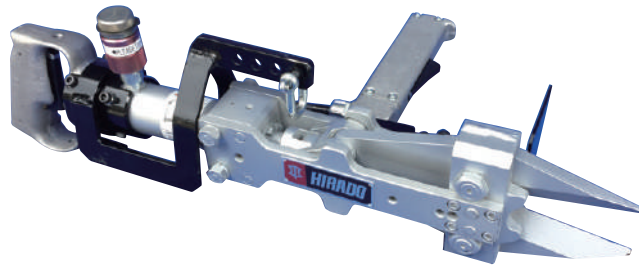
Stationary Type

<p>Ductile</p> <p>55mm, 2.2"</p>	<p>SBT-2</p> <p>962, 843, 760, 88</p>	<p>SBT-100</p> <p>1480, 760, 850, 110</p> <p>Safety Cover</p>	<p>Ductile</p> <p>105mm, 4.1"</p> <p>105mm, 4.1"</p>
<p>Grey</p> <p>85mm, 3.3"</p>			<p>Grey</p> <p>128mm, 5"</p> <p>128mm, 5"</p>

* Breakable sizes are for reference only. Actually testing is advised

Metal Cutter Series

AUC Type



Advantages

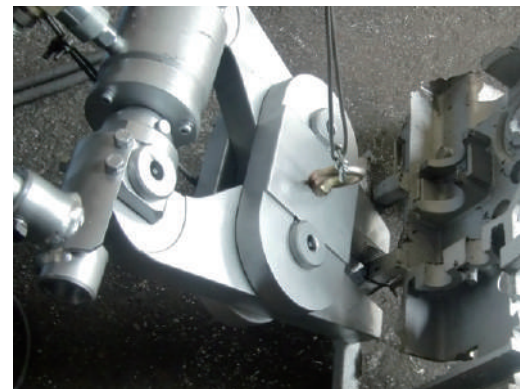
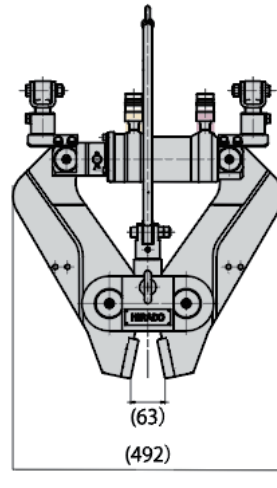
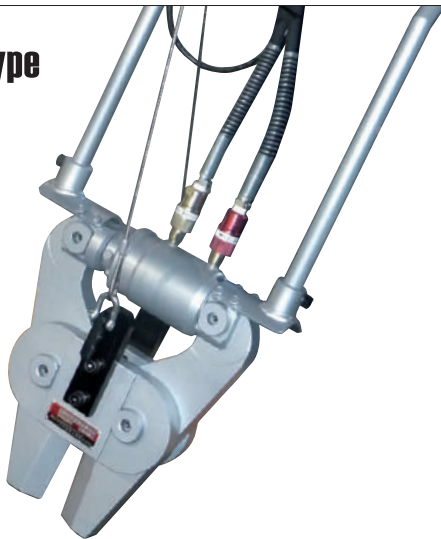
Fast Cutting Of Runners

Easy Operation

No Dust

Safe

SCH Type

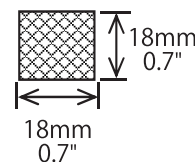


The Metal Cutter Series are specially designed to cut risers and feeds of non-ferrous materials such as aluminium, bronze and copper. Both models uses specially developed and hardened blades to cut through the material without bending or damaging them. Operation is fast, easy and with the simple click of a button. All models are manually operated machines, but can be adapted for online systems.

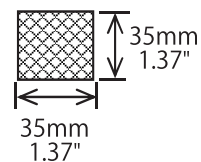
Model	Length	Weight	Cylinder Output
AUC-20	571mm 22.4"	8.5kg 17lbs	63kN 6.4tons
SCH-1S	365mm 14.3"	48kg 106lbs	218kN 22.2tons
SCH-1	492mm 19.3"	43kg 95lbs	218kN 22.2tons

Breaking Capability*

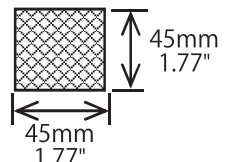
AUC-20



SCH-1S



SCH-1



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Hydraulic Pumps



Standard Version



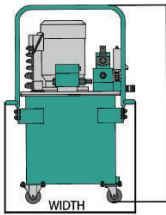
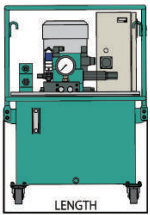
European CE Version

Features

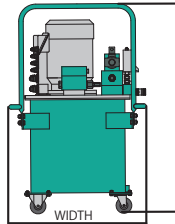
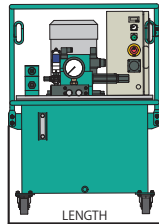
Easy Maintenance

Compact

Energy Efficient



HEIGHT



HEIGHT

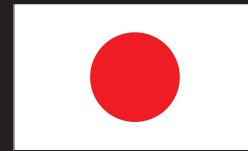
Hirado's self developed hydraulic pumps are the interchangeable power sources for all Hirado foundry equipment. The pumps are fast, easy to maintain, mobile and do not overheat due to incorporated patented technologies. Both models can be equipped with Water Cooling or Air Cooling Oil Coolers upon request.

Model	Electric Motor	Dimensions (W X L X H)	Weight	Pump Type		Pressure		Oil Flow (50/60Hz)		Tank Capacity
				High Pressure	Low Pressure	High Pressure	Low Pressure	High Pressure	Low Pressure	
HM-302P HM-302P-CE	2.2kW 4P	635 x 605 x 900mm 5" x 24" X 35"	170kg 375lbs	Plunger Pump	Gear Pump	Max. 12,325 psi 85MPa	2,610 psi, 18MPa	1.76/2.2 l/min	8.3/10 l/min	50 liter
HM-503P HM-503P-CE	3.7kW 4P	725 x 655 x 1000mm 29" x 26" x 39"	245kg 540lbs			Limit. 10,150 psi 70MPa		2.6/3.3 l/min	15/t18 l/min	

Custom Solutions

Hirado's state of the art manufacturing facility and team of dedicated engineers are able to develop a variety of custom solutions for every situation. Whatever the problem, consult Hirado and its experience of over 50 years for a tailor made solution





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Equipment used in over 20 countries



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