

Innovation, efficiency, integrity and win-win



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CORPORATE CULTURE:

service first, be honest with yourself, people before yourself, not ashamed to admit being the last

ENTERPRISE VISION:

devote to being a good helper in the foundry industry

ENTERPRISE MISSION:

promote the transformation and upgrading of the post-casting cleaning department, realize mechanization and automation, help the process of Industry 4.0

ENTERPRISE VALUES:

focus on creating value, innovation change life

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Company Profile

Dalian Aiseno Electromechanical Equipment Co., Ltd. (Aiseno), which focuses on the R&D, manufacturing, technical support and service of equipment in the field of post cleaning of casting. It is committed to become a good helper in the casting industry and providing professional stereoscopic solutions for the transformation and upgrading of the post cleaning department of casting enterprises.

While guarantee the quality of users' product, we continue to improve production efficiency, cut down operating costs, reduce labor intensity, and strive to create maximum value for customers.

In the future, Aiseno will always adhere to the business concept of innovation based, technology mutual commitment, service first, high on pursuing excellence, and help casting enterprises promote the process of Industry 4.0 of the Post Cleaning Department.

Foundry Wedge Breaker Introduction and Feature

Application

The casting gating riser wedge breaker can quickly separate the gating riser from the casting. This can improve the efficiency and quality of post cleaning to a great extent, avoid secondary damage of castings, and more effectively reduce the production cost of castings. In a short time, unskilled workers can easily learn to use and continuously work, so intensity of labor is reduced and working environment is improved, and replace the traditional break methods such as hammering and toothless sawing, etc.

Equipment Advantages

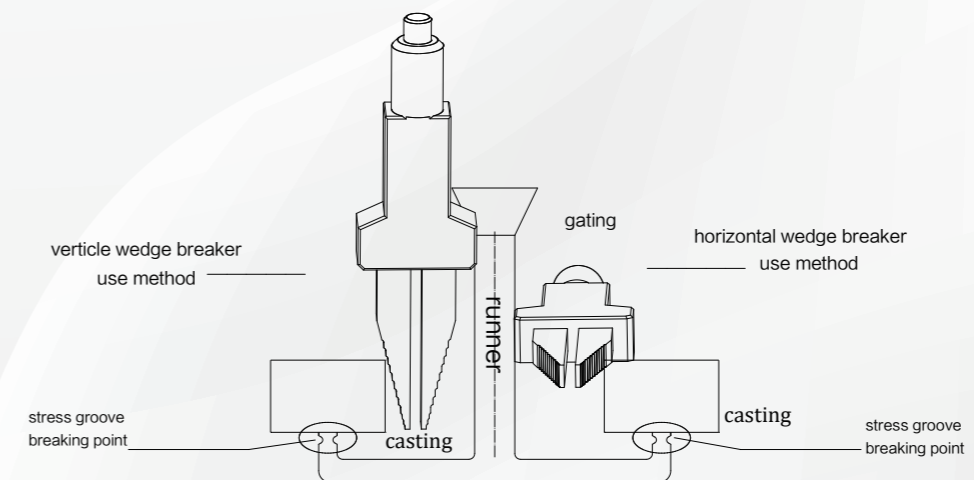
- ※ Small volume, light weight and high working pressure
- ※ Very easy to learn and operate, and higher difficulty of fatigue
- ※ The size of wedge iron is small, and have a widely range of application
- ※ Wearing parts of any size and specification can be customized

Attention

- ※ The wedge breaker is divided into vertical and horizontal type
- ※ The suspension methods is different according to use method

Technological Requirement

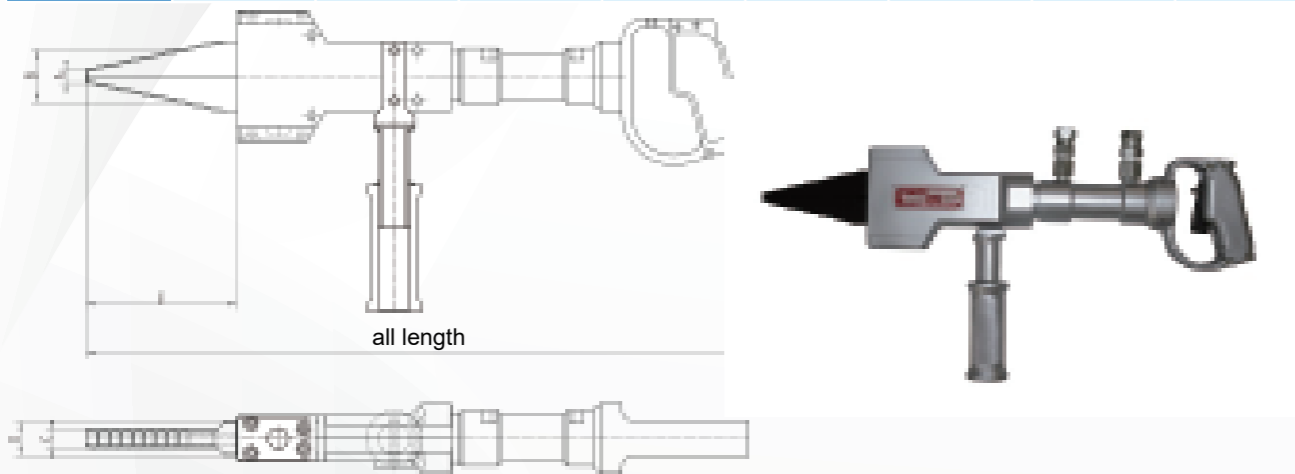
- ※ The casting section shall be provided with stress groove in the process to ensure the working efficiency and casting quality
- ※ The minimum distance between the casting and the gating and riser is 15mm, and the smaller gap can be used for special wearing parts according to the actual situation of the customer's site



EP-30N(15)

Technical Parameters

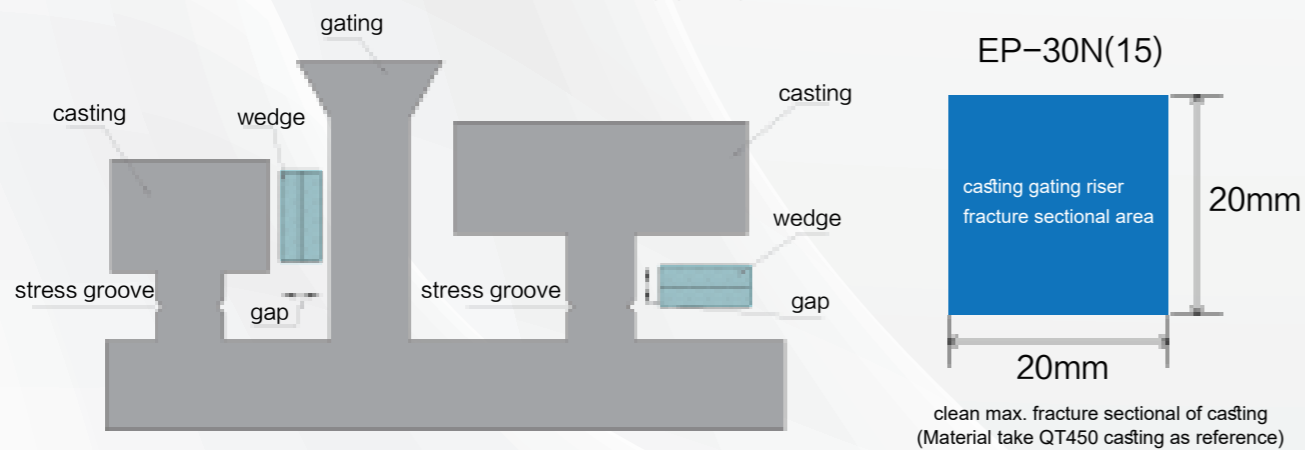
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-30N(15)	578	8.6	11.5	15	12	60	16	132



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	4.9	6.6	8.2	9.9	11.5

Application Range

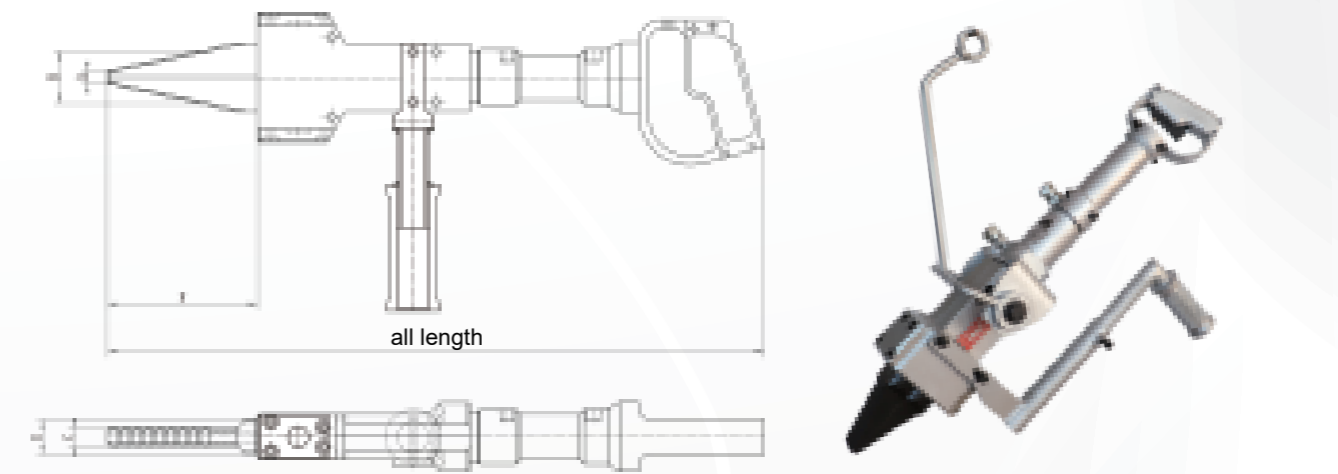
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture: 20mm × 20mm



EP-80N(23)

Technical Parameters

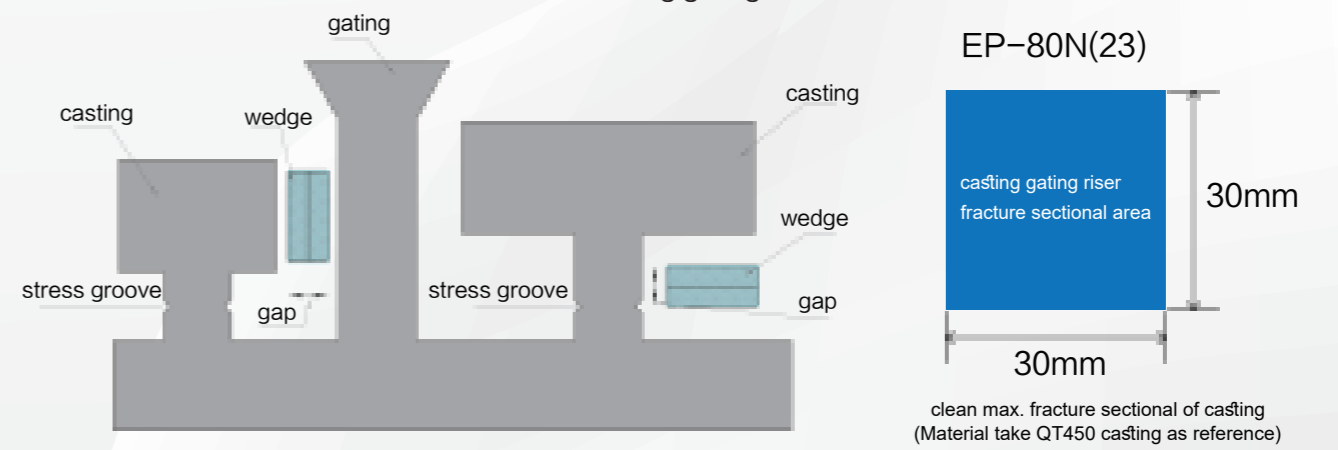
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-80N(23)	526	17	19.1	23	16	75	33	128.5



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	8.2	10.9	13.6	16.4	19.1

Application Range

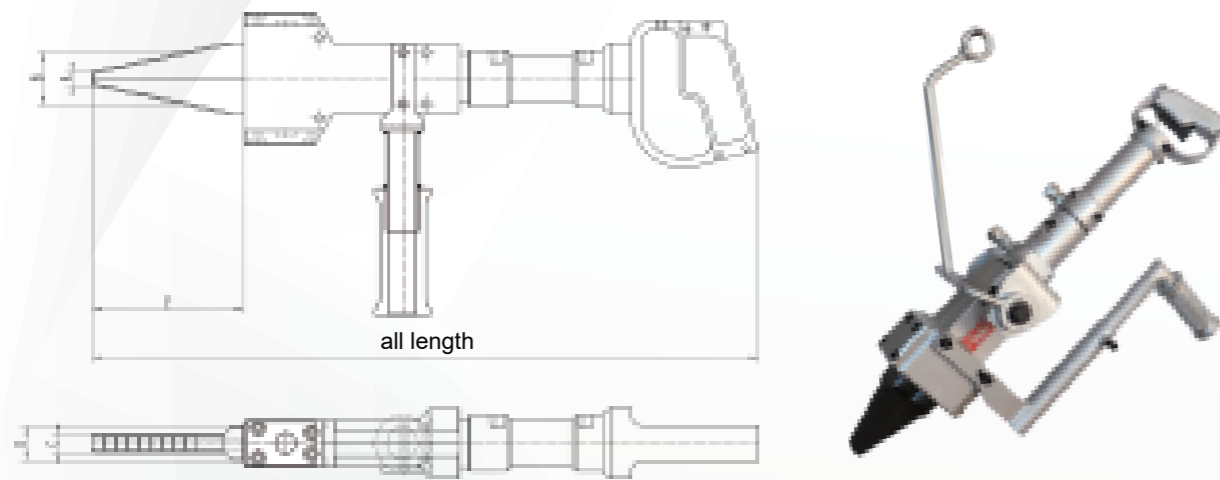
- ※ It is more suitable for cleaning the gating, riser and runner of small and medium workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture: 30mm × 30mm



EP-80N(23)L

Technical Parameters

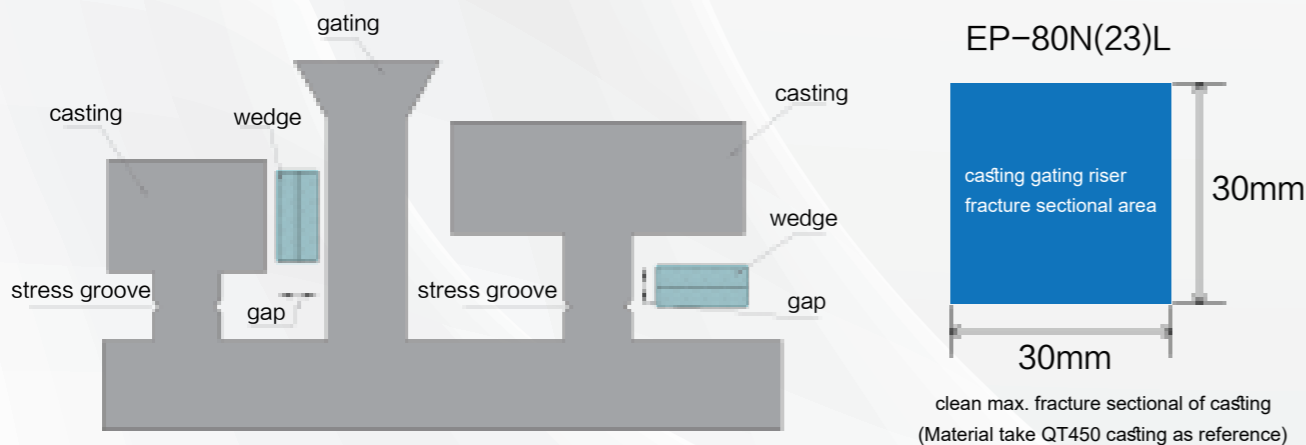
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-80N(23)L	571	19	19.1	23	12	75	44	169



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	8.2	10.9	13.6	16.4	19.1

Application Range

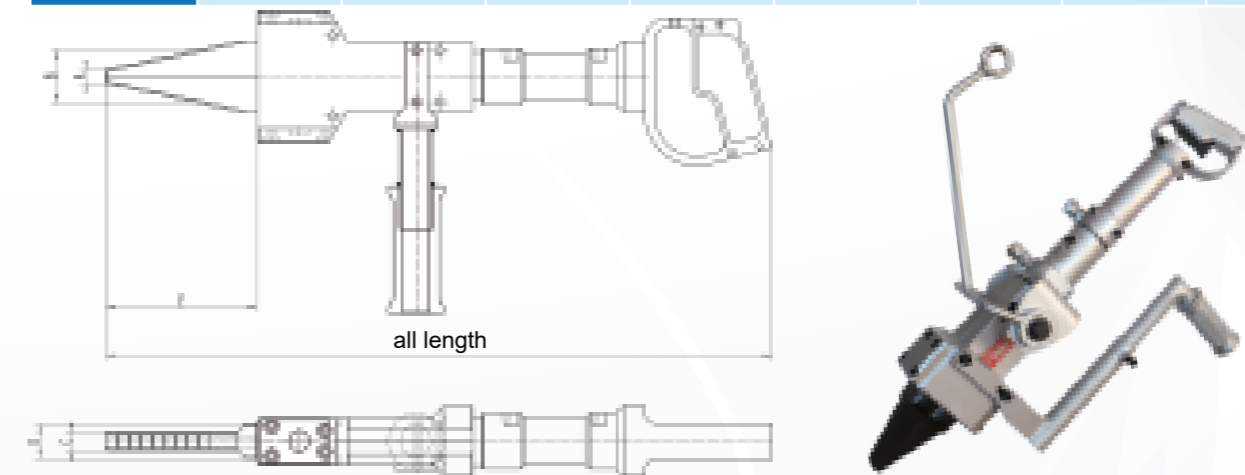
- ※ It is more suitable for cleaning the gating, riser and runner of small and medium workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:30mm × 30mm



EP-80N(30)

Technical Parameters

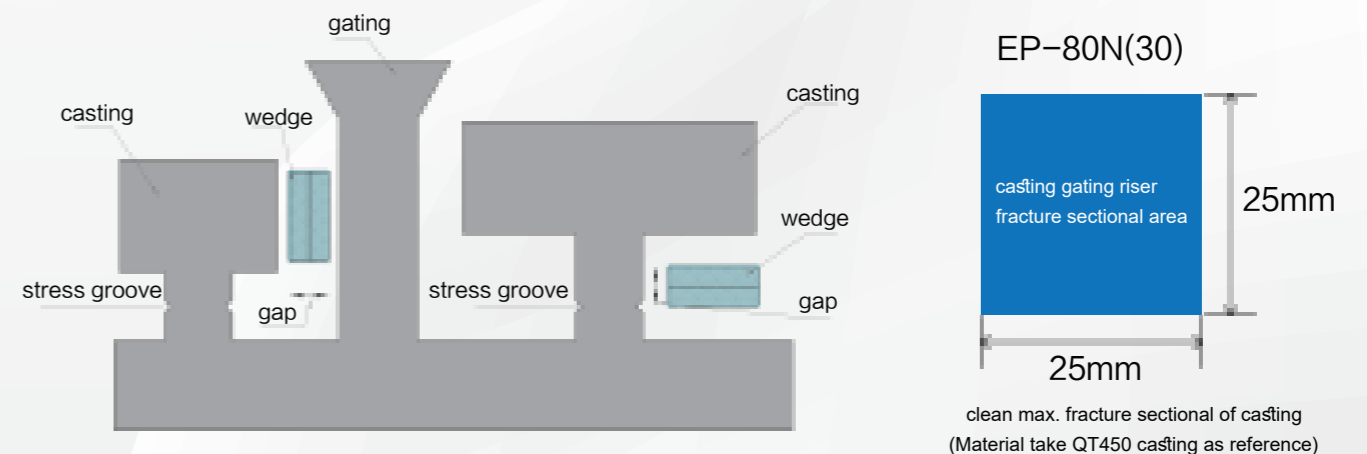
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-80N(30)	526	18	14.7	30	12	68	45	124



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	6.3	8.4	10.5	12.6	14.7

Application Range

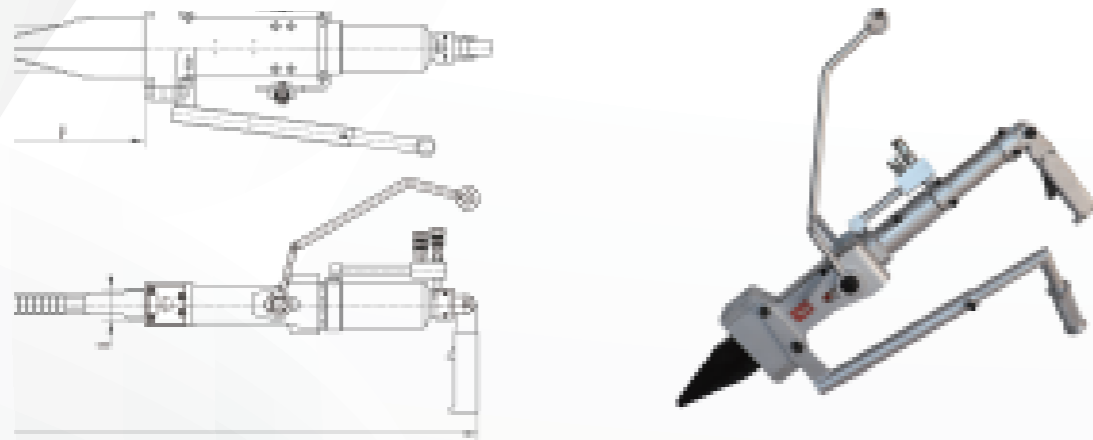
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:25mm × 25mm



EP-100N(32)

Technical Parameters

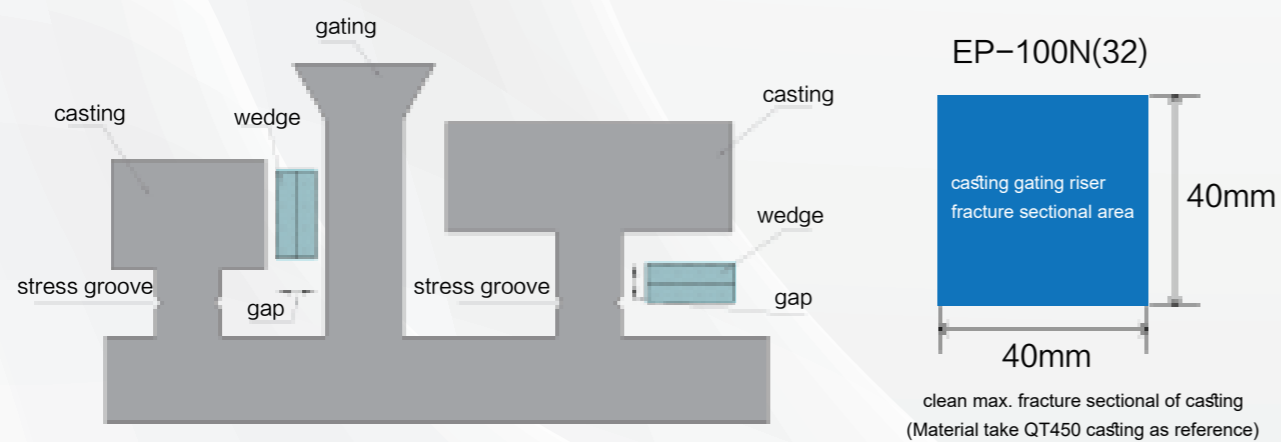
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-100N(32)	735	25	33.1	32	15	83	31	189



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	14.2	19	23.7	28.4	33.1

Application Range

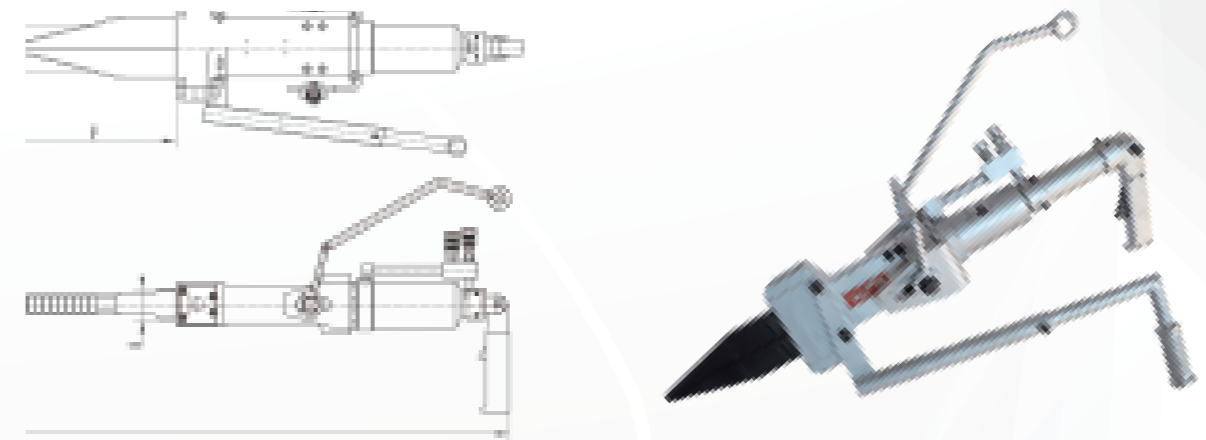
- ※ It is more suitable for cleaning the gating, riser and runner of middle-large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:40mm × 40mm



EP-150N(32)

Technical Parameters

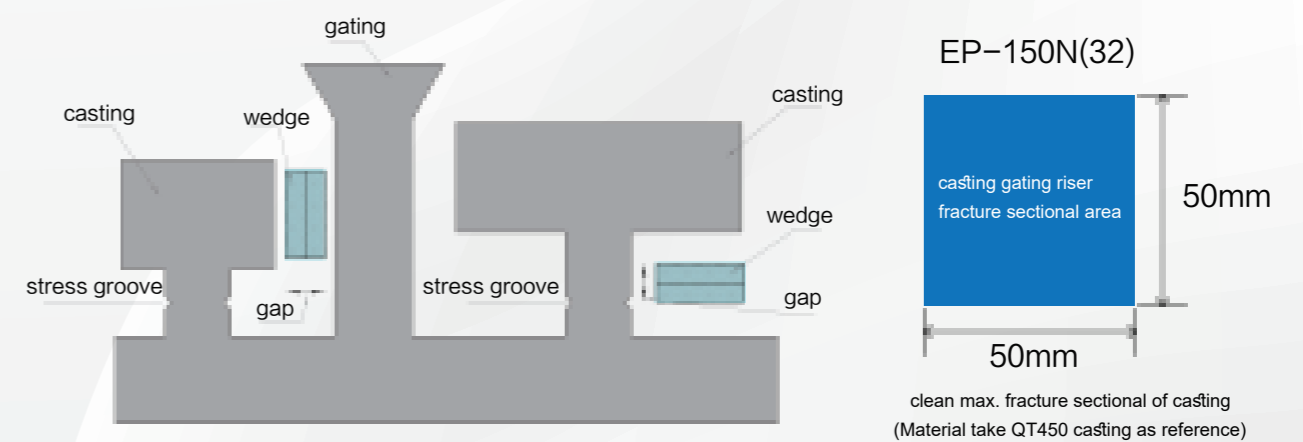
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-150N(32)	793	28	50	32	15	90	34	245



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	21.4	28.6	35.7	42.9	50

Application Range

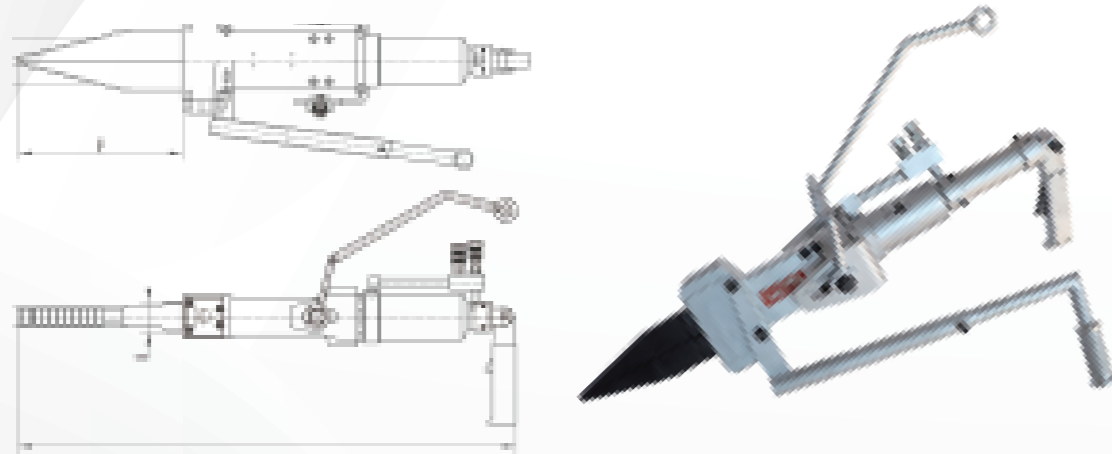
- ※ It is more suitable for cleaning the gating, riser and runner of large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:50mm × 50mm



EP-150N(28)

Technical Parameters

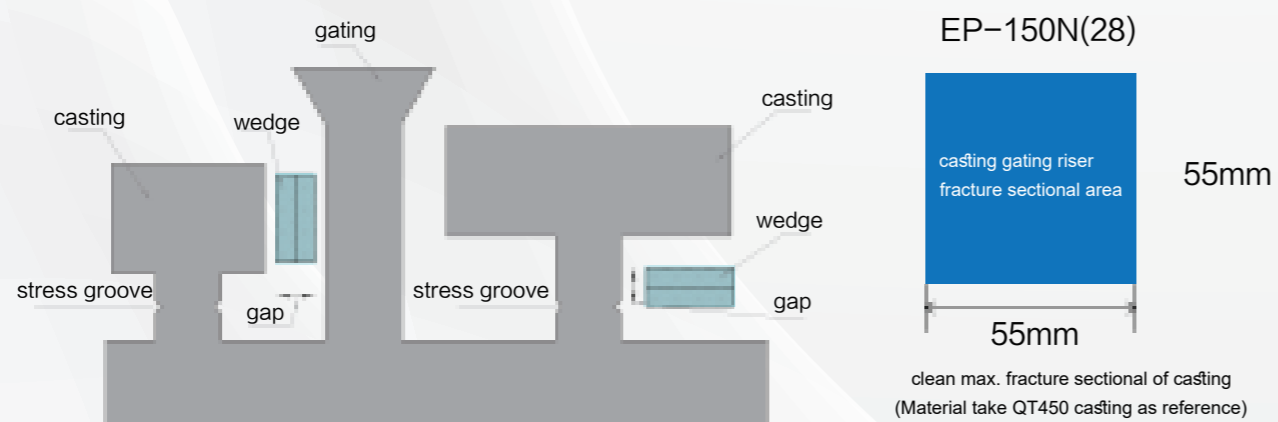
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-150N(28)	793	28	57.1	28	15	90	34	245



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	21.4	32.6	40.7	48.9	57.1

Application Range

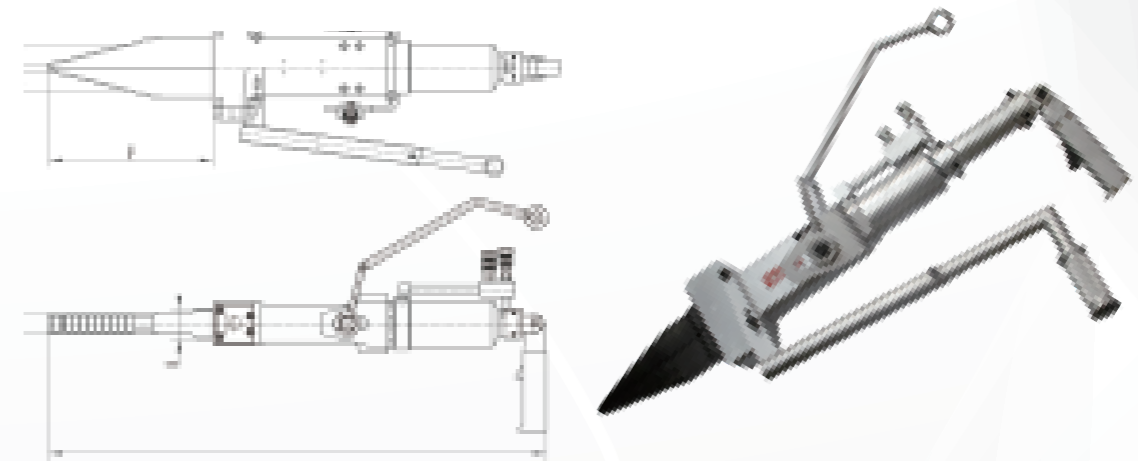
- ※ It is more suitable for cleaning the gating, riser and runner of large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:55mm × 55mm



EP-180N(31)

Technical Parameters

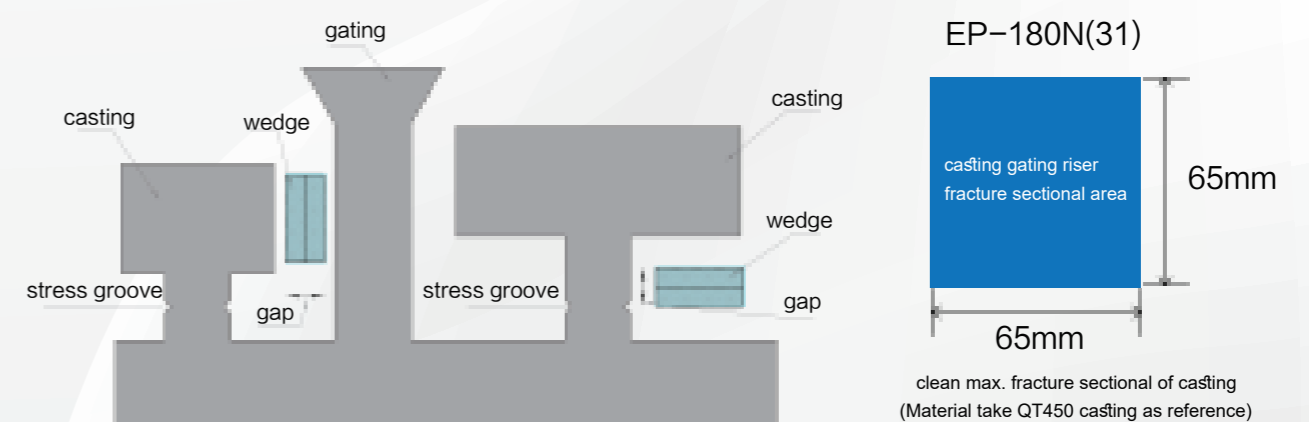
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-180N(31)	855	40	79.5	31	16	100	36	270.5



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	34.1	45.4	56.7	68.1	79.5

Application Range

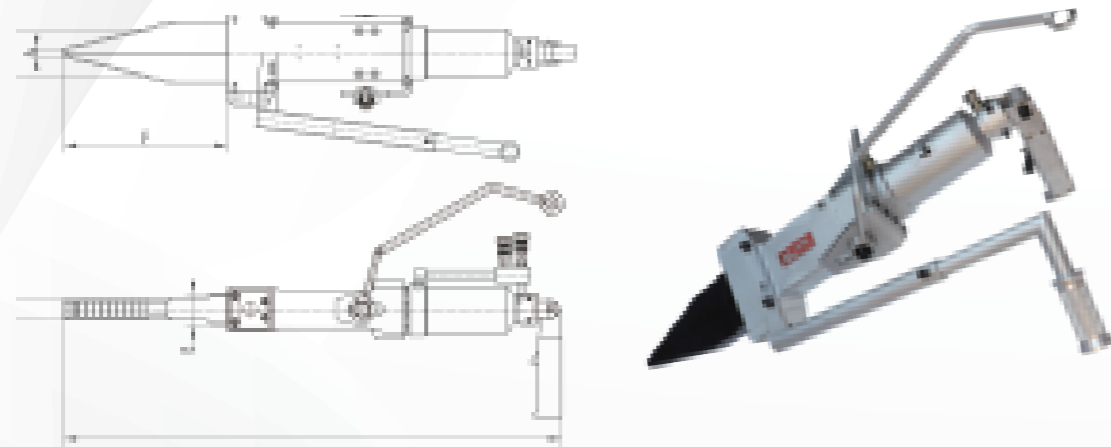
- ※ It is more suitable for cleaning the gating, riser and runner of large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:65mm × 65mm



EP-200N(18)

Technical Parameters

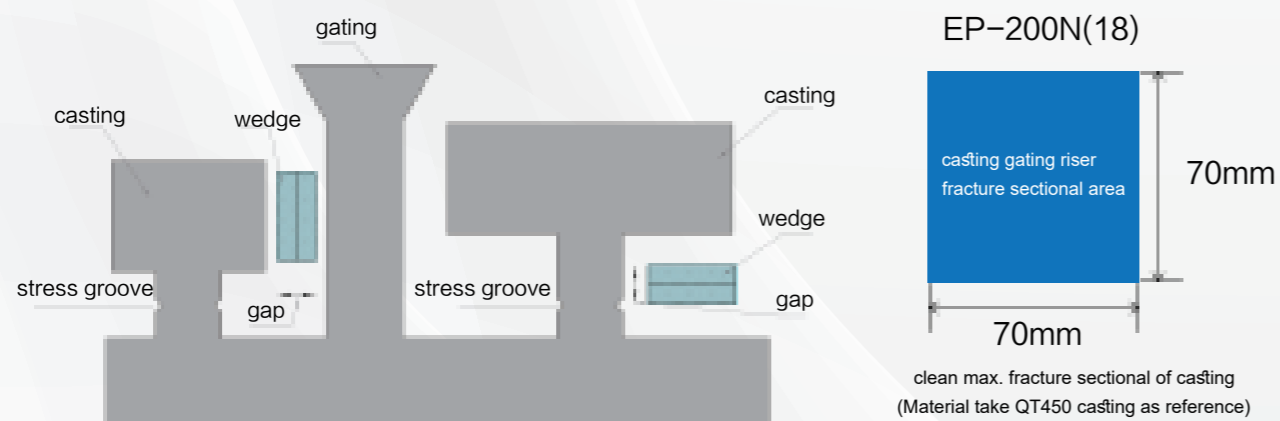
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-200N(18)	782	45	84.9	18	17	117	38	300



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	36.4	48.5	60.6	72.8	84.9

Application Range

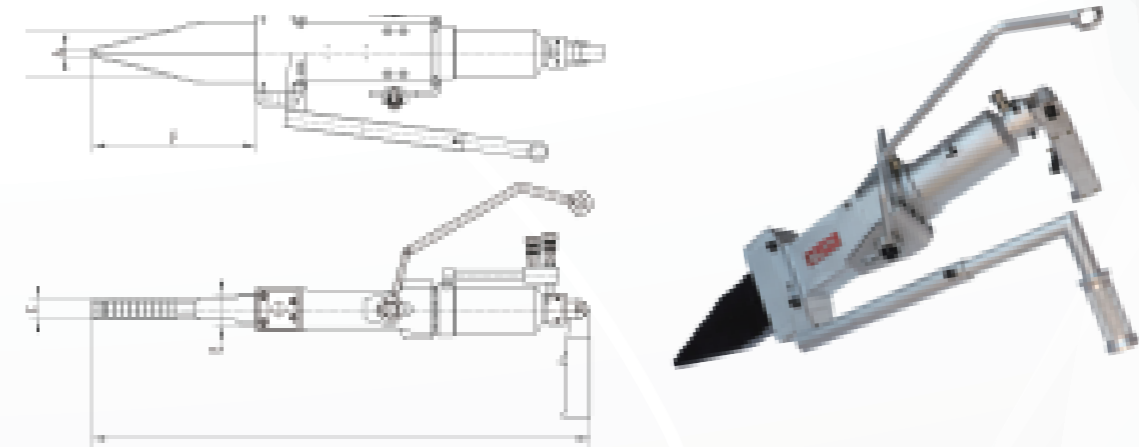
- ※ It is more suitable for cleaning the gating, riser and runner of large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:70mm × 70mm



EP-200N(33)

Technical Parameters

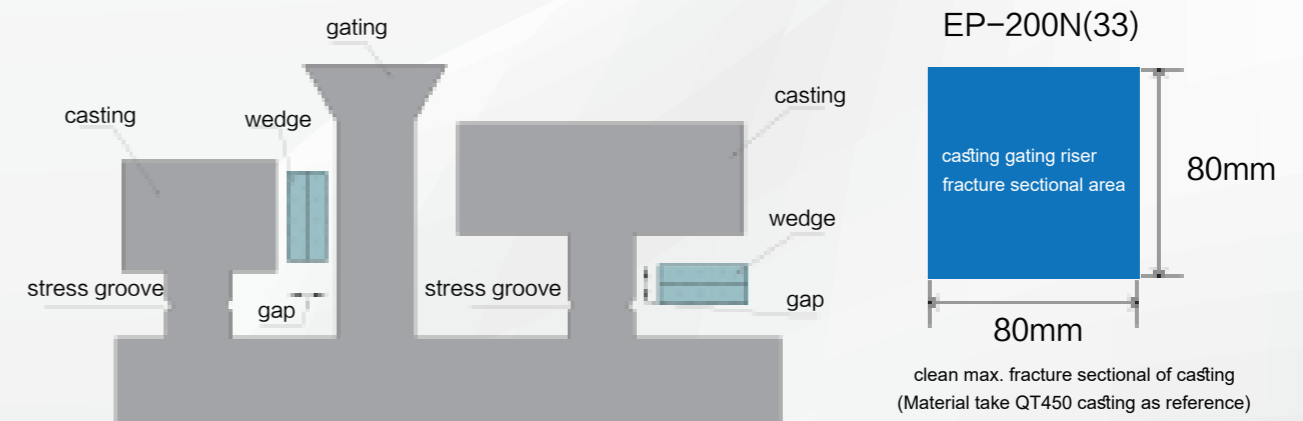
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-200N(33)	970	45	98.9	33	17	117	38	319



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	42.3	56.5	70.6	84.7	98.9

Application Range

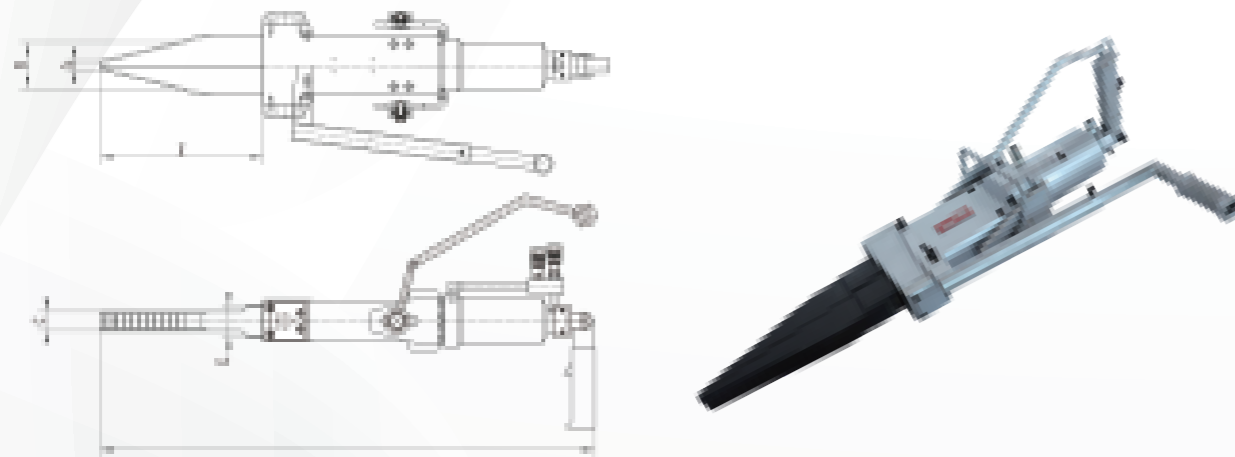
- ※ It is more suitable for cleaning the gating, riser and runner of large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:80mm × 80mm



EP-260N(33)

Technical Parameters

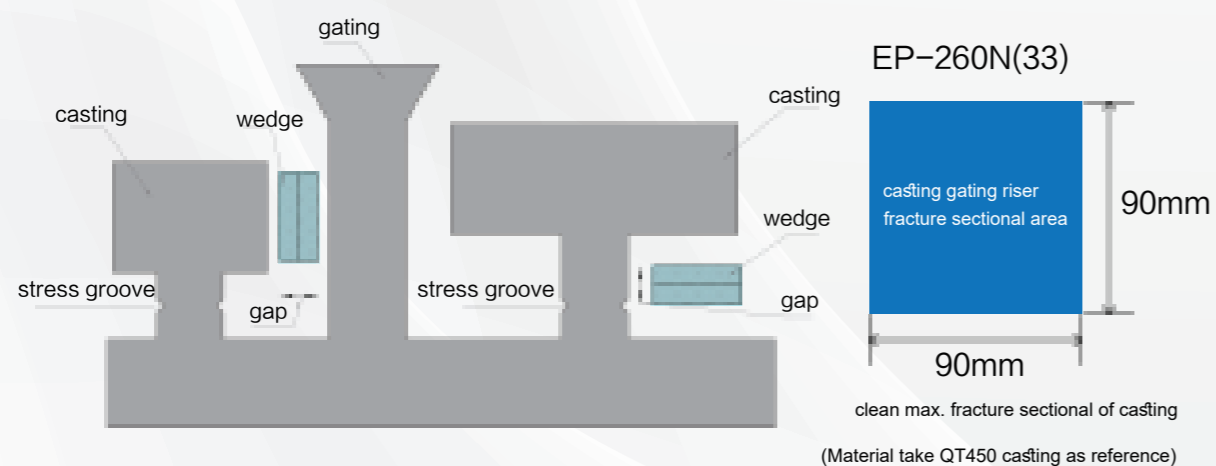
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-260N(33)	1079	64	166	33	17	117	48	419



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	71.1	94.9	118.6	142.3	166

Application Range

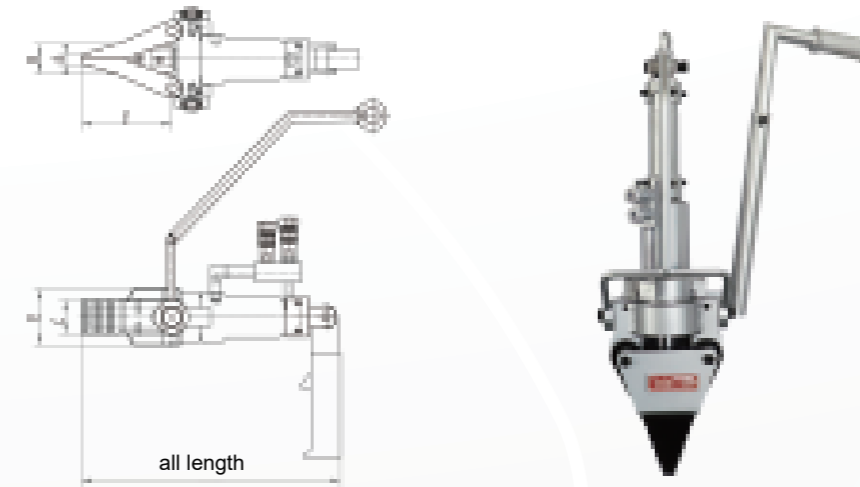
- ※ It is more suitable for cleaning the gating, riser and runner of extra-large workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:90mm × 90mm



ASN-YY40P

Technical Parameters

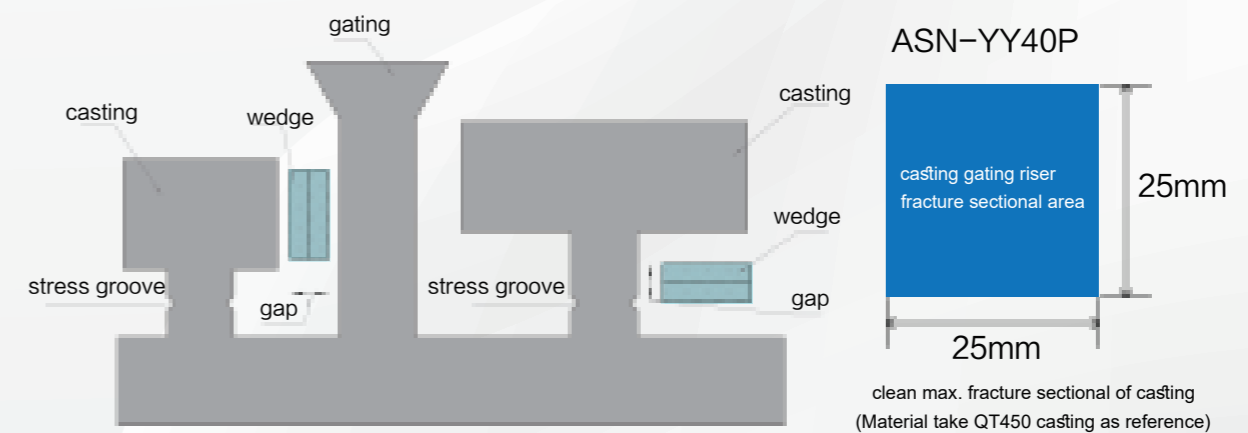
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY40P	386	11	16.2	33	14	45	50	135



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	6.9	9.3	11.6	13.9	16.2

Application Range

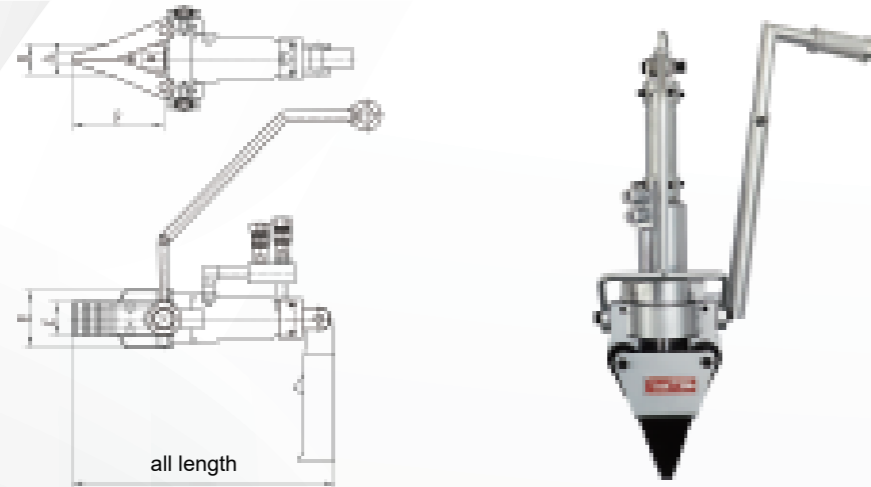
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:25mm × 25mm



ASN-YY40P-ZX

Technical Parameters

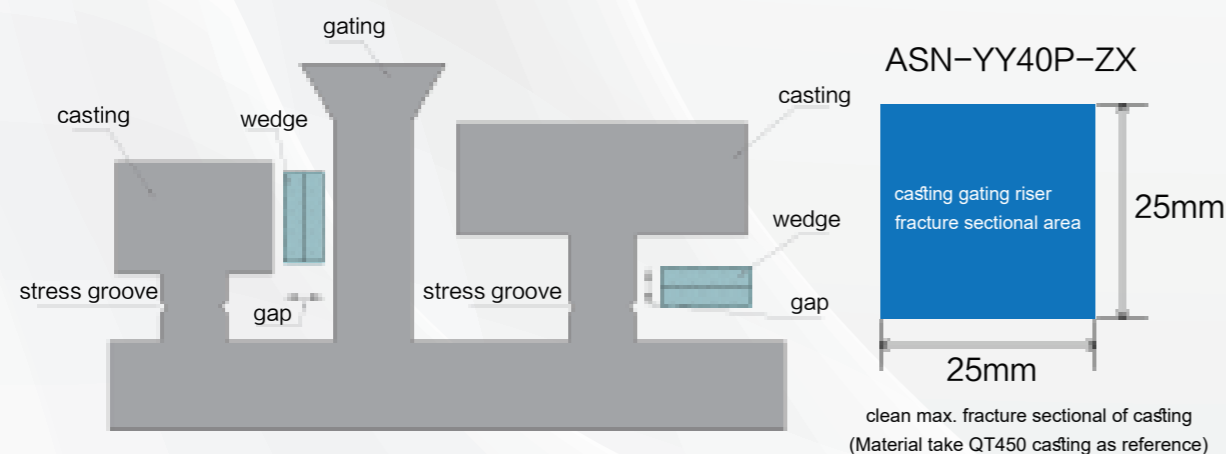
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY40P-ZX	386	11	16.2	33	14	45	40	135



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	6.9	9.3	11.6	13.9	16.2

Application Range

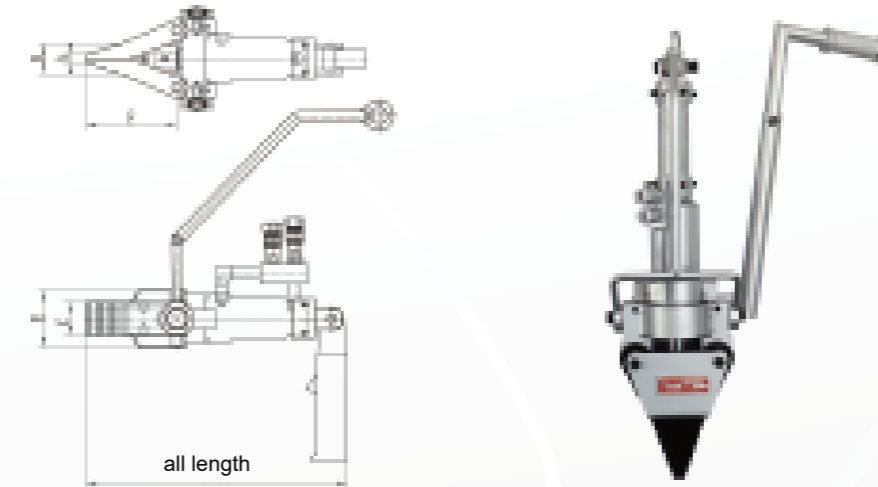
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:25mm × 25mm



ASN-YY48P

Technical Parameters

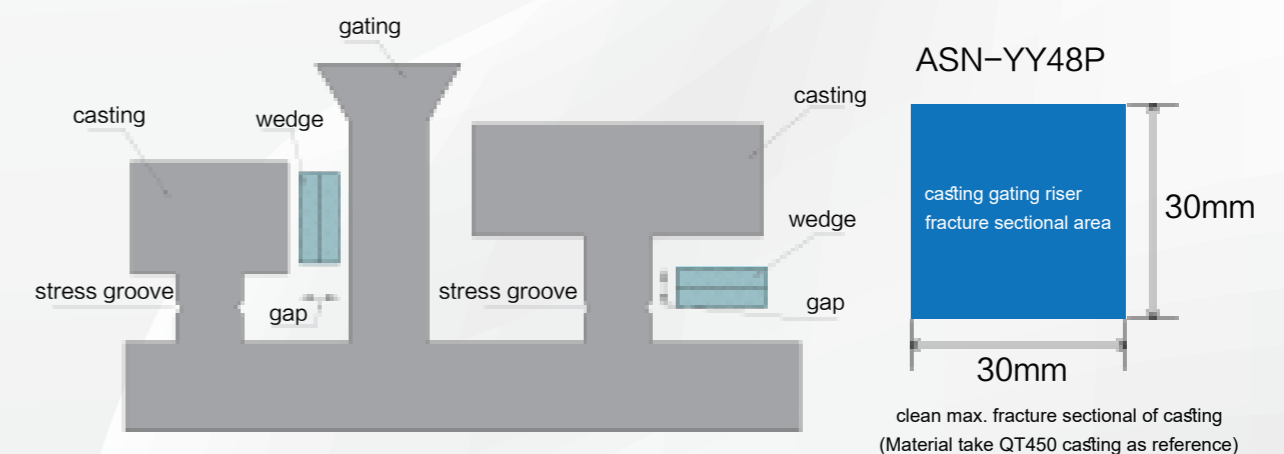
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY48P	432	18	23.4	35	17	52.5	68	162



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	10	13.4	16.7	20	23.4

Application Range

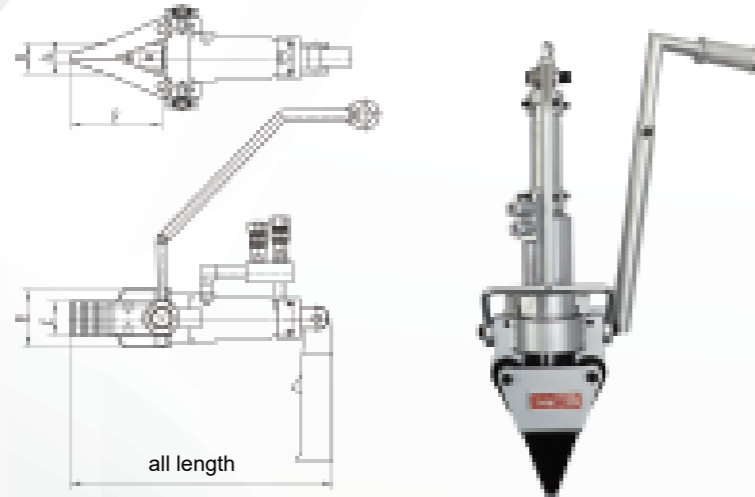
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:35mm × 35mm



ASN-YY48P-ZX

Technical Parameters

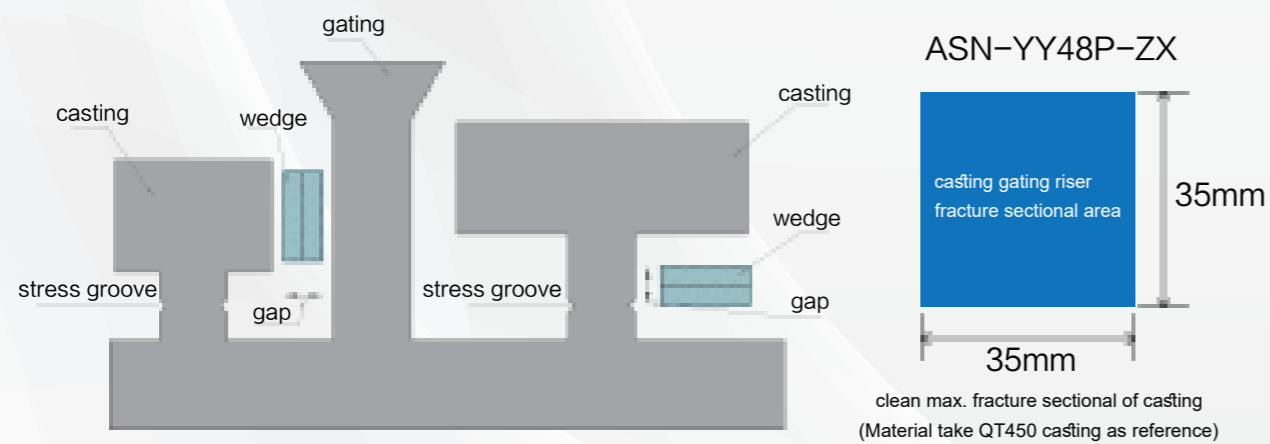
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY48P-ZX	432	18	23.4	35	17	52.5	48	162



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	10	13.4	16.7	20	23.4

Application Range

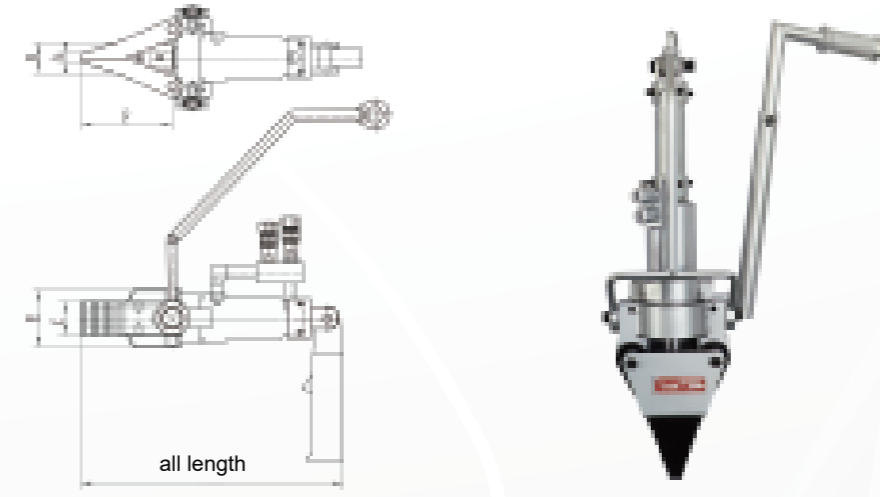
- ※ It is more suitable for cleaning the gating, riser and runner of small workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:35mm × 35mm



ASN-YY56P

Technical Parameters

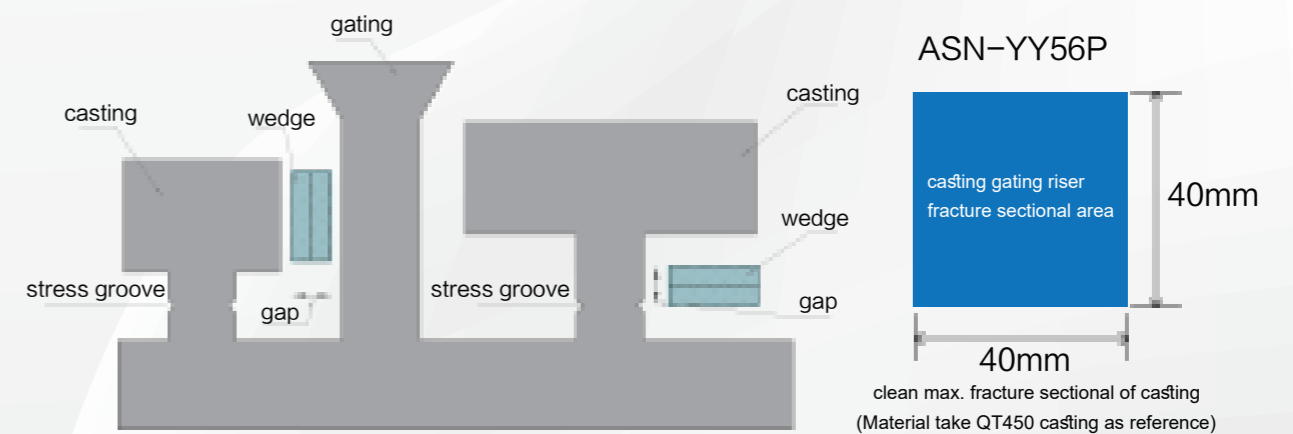
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY56P	536	29	32	48	21	67	75	200



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	13.7	18.3	22.9	27.4	32

Application Range

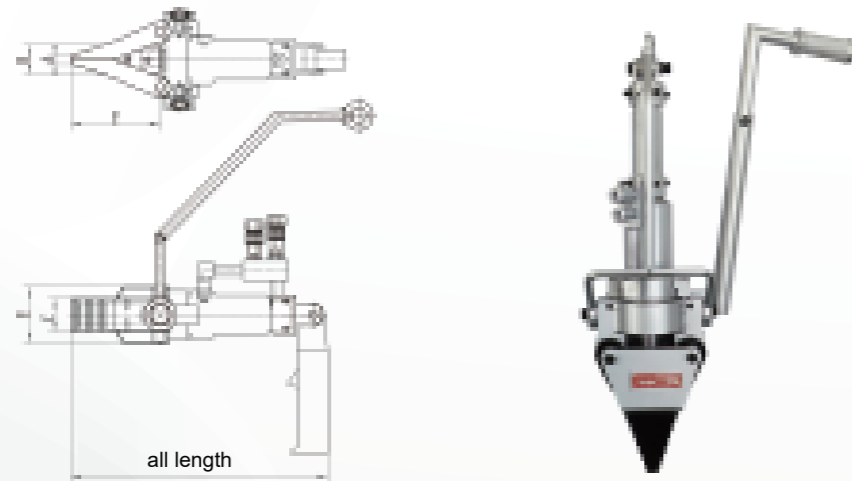
- ※ It is more suitable for cleaning the gating, riser and runner of small and medium workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture:35mm × 35mm



ASN-YY56P-ZX

Technical Parameters

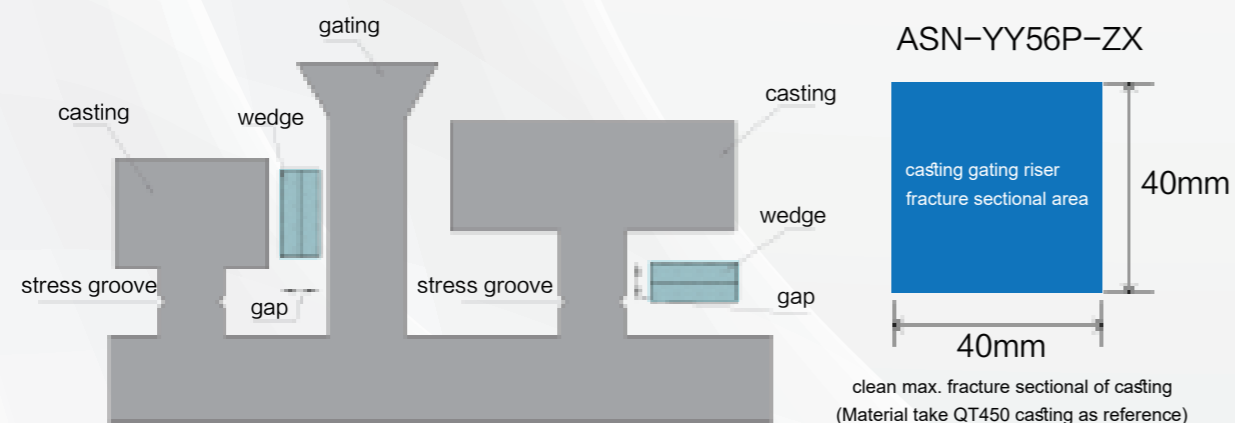
specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
ASN-YY56P-ZX	536	29	32	48	21	67	56	200



Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	13.7	18.3	22.9	27.4	32

Application Range

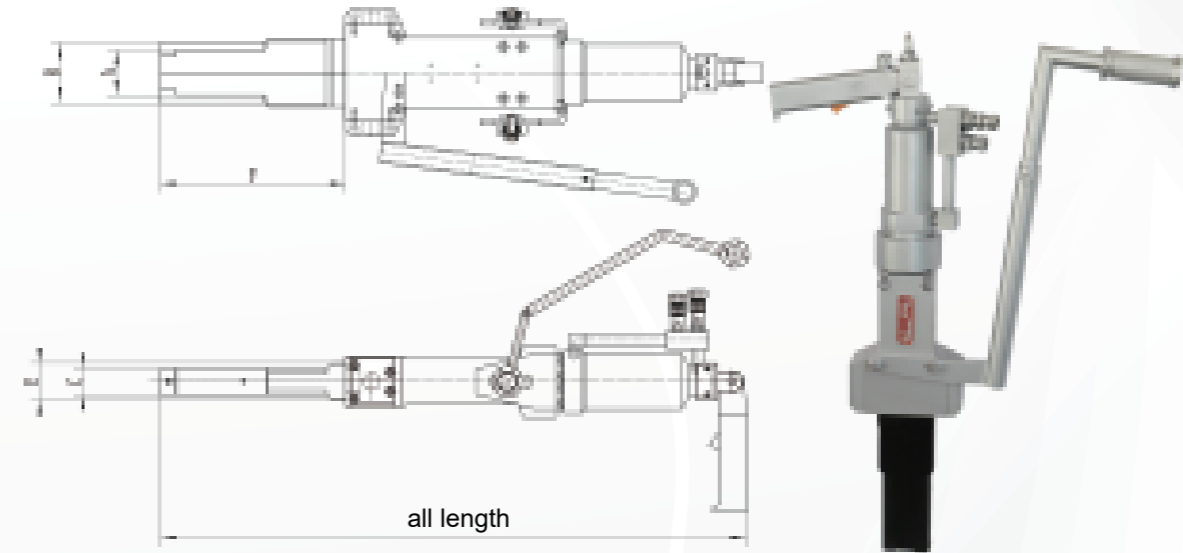
- ※ It is more suitable for cleaning the gating, riser and runner of small and medium workpieces;
- ※ Clean the maximum sectional area of the casting gating riser and runner fracture: 40mm × 40mm



EP-150N Special for Removing Aluminum Alloy Engine Cylinder Sleeves

Technical Parameters

specification	all length mm	weight Kg	expansion force Ton	opening width mm	tip width (A)mm	root width (B)mm	wedge thickness (C)mm	wedge length (F)mm
EP-150N	795	32	57.1	28	60	80	34	245
EP-200N	951	45	98.9	33	73	98	41.5	299.5



EP-150N Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	24.4	32.6	40.7	48.9	57.1

EP-200N Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	42.3	56.5	70.6	84.7	98.9

Application Range

- ※ It is more suitable to clean and remove the engine cylinder and sleeves with diameter $\phi 60\text{mm} \sim \phi 120\text{mm}$

■ Super Pressure Hydraulic Pump HM-503P

Technical Parameters

specification	pressure				volumn	weight	power	dimension		
	HP	LP	HP	LP				L	W	H
HM-302P	70Mpa	18Mpa	1.7L/min	8L/min	50L	170Kg	2.2kw	556mm	610mm	900mm
HM-503P			2.6L/min	15L/min	100L	245Kg	4kw	655mm	725mm	1000mm

Features

- ※ The super-high pressure hydraulic pump station used as a power equipment, which can make the wedge breaker, runner cutter and other equipment play a strong destructive force and operational performance;
- ※ Small size, light weight, the maximum area is only 0.47m³.The common working pressure is 70Mpa(super-high pressure). The maximum working pressure can be set to 85Mpa;
- ※ It is easy for maintainance and movement, and has the superior performance that temperature does not go up too high without cooling device;
- ※ A counter is equipped in order to facilitate the maintenance and management of the equipment,and all the main components are set outside.The special respirators for pump stations is equipped as standard configuration for preventing dust.



■ Super Pressure Hydraulic Pump HM-503PC

Technical Parameters

specification	pressure				volumn	weight	power	dimension		
	HP	LP	HP	LP				L	W	H
HM-302PC	70Mpa	18Mpa	1.7L/min	8L/min	50L	210Kg	2.2kw	556mm	910mm	900mm
HM-503PC			2.6L/min	18L/min	100L	285Kg	4kw	655mm	1025mm	1000mm

Features

- ※ The super-high pressure hydraulic pump station used as a power equipment, which can make the wedge breaker, runner cutter and other equipment play a strong destructive force and operational performance;
- ※ Small size, light weight, the maximum area is only 0.47m³.The common working pressure is 70Mpa(super-high pressure). The maximum working pressure can be set to 85Mpa;
- ※ It is easy for maintainance and movement, and has the superior performance that temperature does not go up too high without cooling device;
- ※ A counter is equipped in order to facilitate the maintenance and management of the equipment,and all the main components are set outside.The special respirators for pump stations is equipped as standard configuration for preventing dust.



Super Pressure Hydraulic Pump HM-506PC

Technical Parameters

specification	pressure				volumn	weight	power	dimension		
	HP	LP	HP	LP				L	W	H
HM-300PC	60Mpa	18Mpa	1.8L/min	8L/min	50L	220Kg	2.2kw	556mm	910mm	900mm
HM-500PC			2.7L/min	15L/min	100L	295Kg	4kw	655mm	1025mm	1000mm



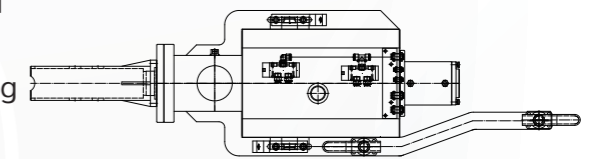
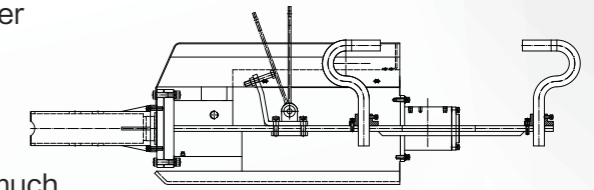
Features

- ※ The super-high pressure hydraulic pump station used as a power equipment, which can make the wedge breaker, runner cutter and other equipment play a strong destructive force and operational performance;
- ※ Small size, light weight, the maximum area is only 0.67m³. The common working pressure is 70Mpa, (super-high pressure). The maximum working pressure can be set to 85Mpa;
- ※ It is easy for maintainance and movement, and has the superior performance that temperature does not go up too high without cooling device;
- ※ A counter is equipped in order to facilitate the maintenance and management of the equipment, and all the main components are set outside. The special respirators for pump stations is equipped as standard

Foundary Degating Hammer

Features

- ※ Single action impact, multiple control modes, great power.
- ※ The carbon steel shell can adapt to harsh conditions because of high strength.
- ※ The latest energy storage system is adopted and engineered precisely, and the impact is great after energy is stored.
- ※ Low gas consumption and long service life. The latest technology in the pneumatic field is adopted, so its impact force and service life are much higher than those of traditional products.
- ※ It can be installed and used in any direction of space, and the installation method can be designed and processed as required.
- ※ The size is varied and can be designed according to customer needs.



Technical Parameters

All kinds of non-standard pneumatic hammers can be customized.

model	impact effect			frenqucy (Time/min)	air consumption (L/min)	casting iron gating (Ø:mm)	work temperature (°C)	weight (Kg)
	sledge hammer(LB)	energe(J)	force(N)					
ASN-45	4	500	5500	≤40	300	45	-20~90	135
ASN-65	10	1000	11000	≤40	600	60	-20~90	155
ASN-90	20	2000	23000	≤30	1000	90	-20~90	270
ASN-100	25	2800	30000	15~22	1100	110	-20~90	290
ASN-110	30	3500	36000	15~22	1300	140	-20~90	370
ASN-140		6000	65000	10~15	1600	180	-20~90	650
ASN-160		8000	94000	10~15	2200	245	-20~90	1050
ASN-200		12000	141000	5~10	3000	300	-20~90	1450

Force Increasing Ratio

ASN-45 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	286J	357J	429J	500J	---

ASN-65 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	571J	714J	857J	1000J	---

ASN-90 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	1143J	1429J	1714J	2000J	---

ASN-100 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	1600J	2000J	2400J	2800J	---

ASN-110 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	2000J	2500J	3000J	3500J	---

ASN-140 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	3429J	4286J	5143J	6000J	---

ASN-160 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	4571J	5714J	6857J	8000J	---

ASN-200 Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	6857J	8571J	10285J	12000J	---

Breaker Introduction and Feature

Application

After cleaning the gating and riser of the casting, break off the separated scrap returns, such as runner, etc, then divide them into small sections for easy melting, so as to save electricity and improve the quality of molten iron.

This tool can replace traditional methods such as grinding machine and oxygen cutting, etc, realizing a noiseless and pollution-free working environment, and greatly reducing the labor intensity of workers.

Advantages

- ※ Small volume, light weight and high pressure
- ※ Very easy to learn and operate, and difficult to fatigue
- ※ The wedge iron size is small widely used
- ※ Wearing parts of any size and specification can be customized

Attention

- ※ The cutter can be divided into vertical and horizontal type
- ※ It can be used different according to suspension methods

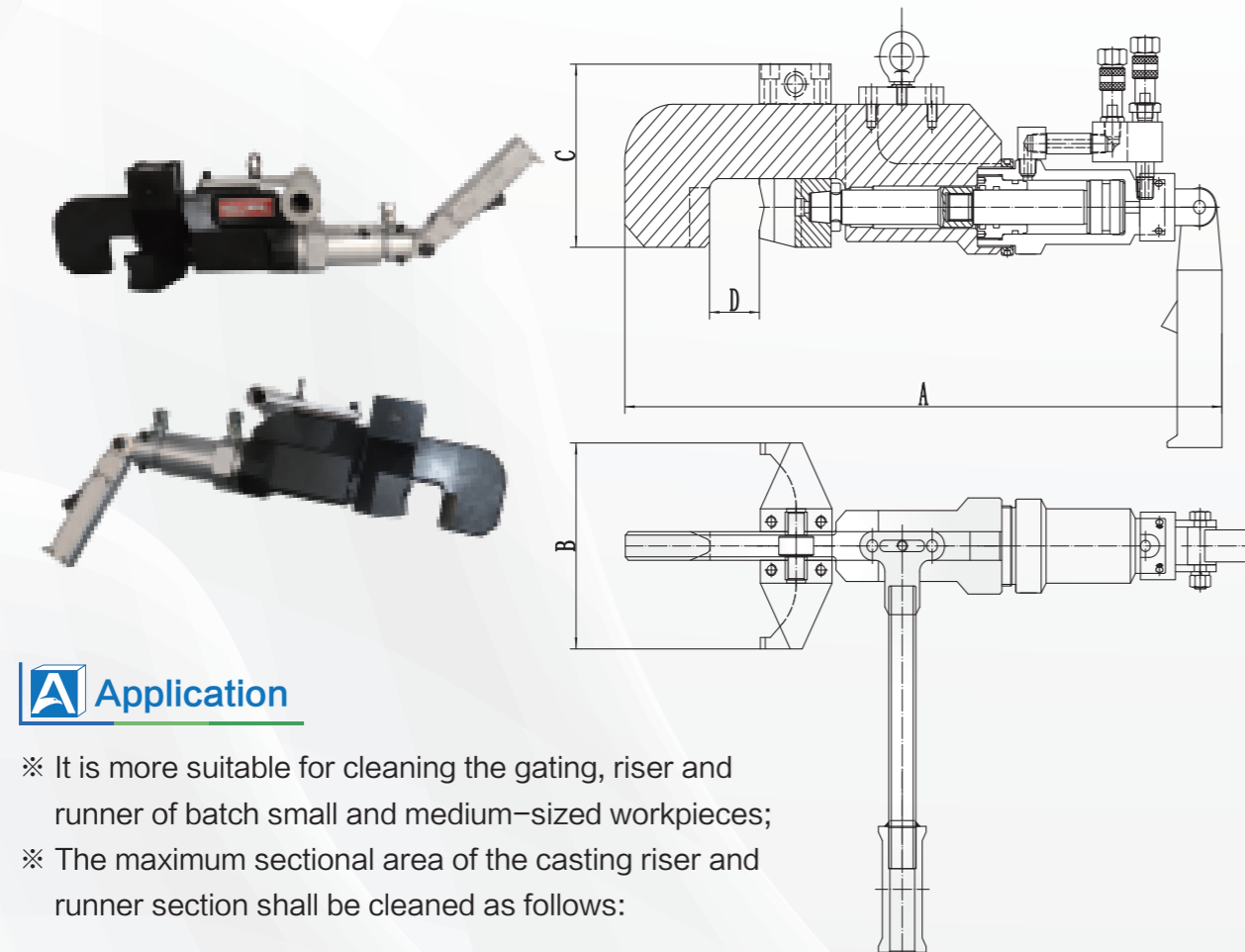


Runner Cutter J47

Technical Parameters

model	all length (A) mm	weight Kg	cutting force Ton	opening width (D)mm	width (B)mm	height (C)mm	work pressure Mpa	suspend method
J47	600	21	12	50	180	160	70	balancer

Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	5.1	6.8	8.5	10.2	12



Application

- ※ It is more suitable for cleaning the gating, riser and runner of batch small and medium-sized workpieces;
- ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:

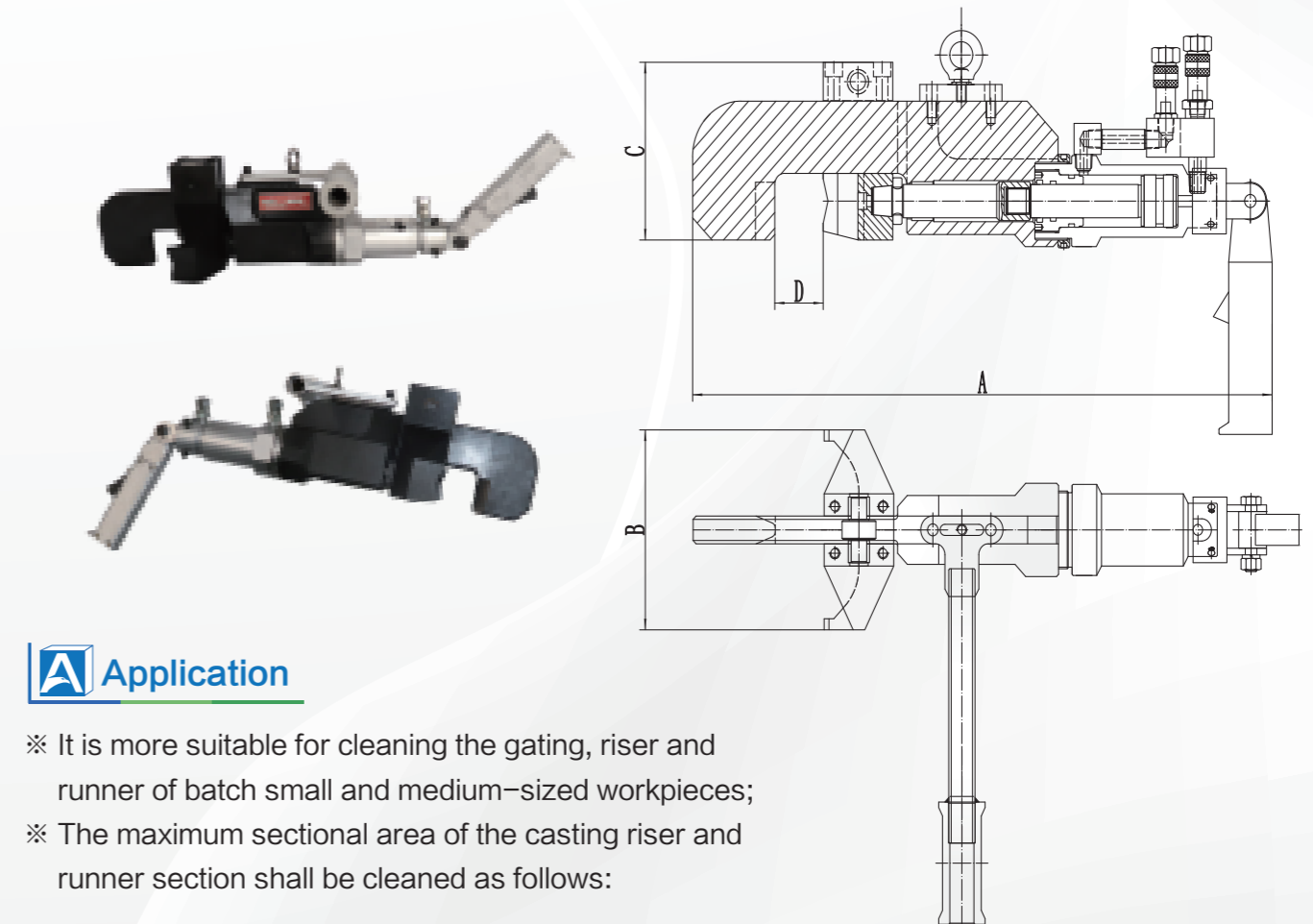
- (1) QT450 ≤ ϕ 30mm
- (2) HT200 ≤ ϕ 45mm

Runner Cutter J60

Technical Parameters

model	all length (A) mm	weight Kg	cutting force Ton	opening width (D)mm	width (B)mm	height (C)mm	work pressure Mpa	suspend method
J60	800	52	24.8	77	240	185	70	balancer

Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	10.6	14.2	17.7	21.2	24.8



Application

- ※ It is more suitable for cleaning the gating, riser and runner of batch small and medium-sized workpieces;
- ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:

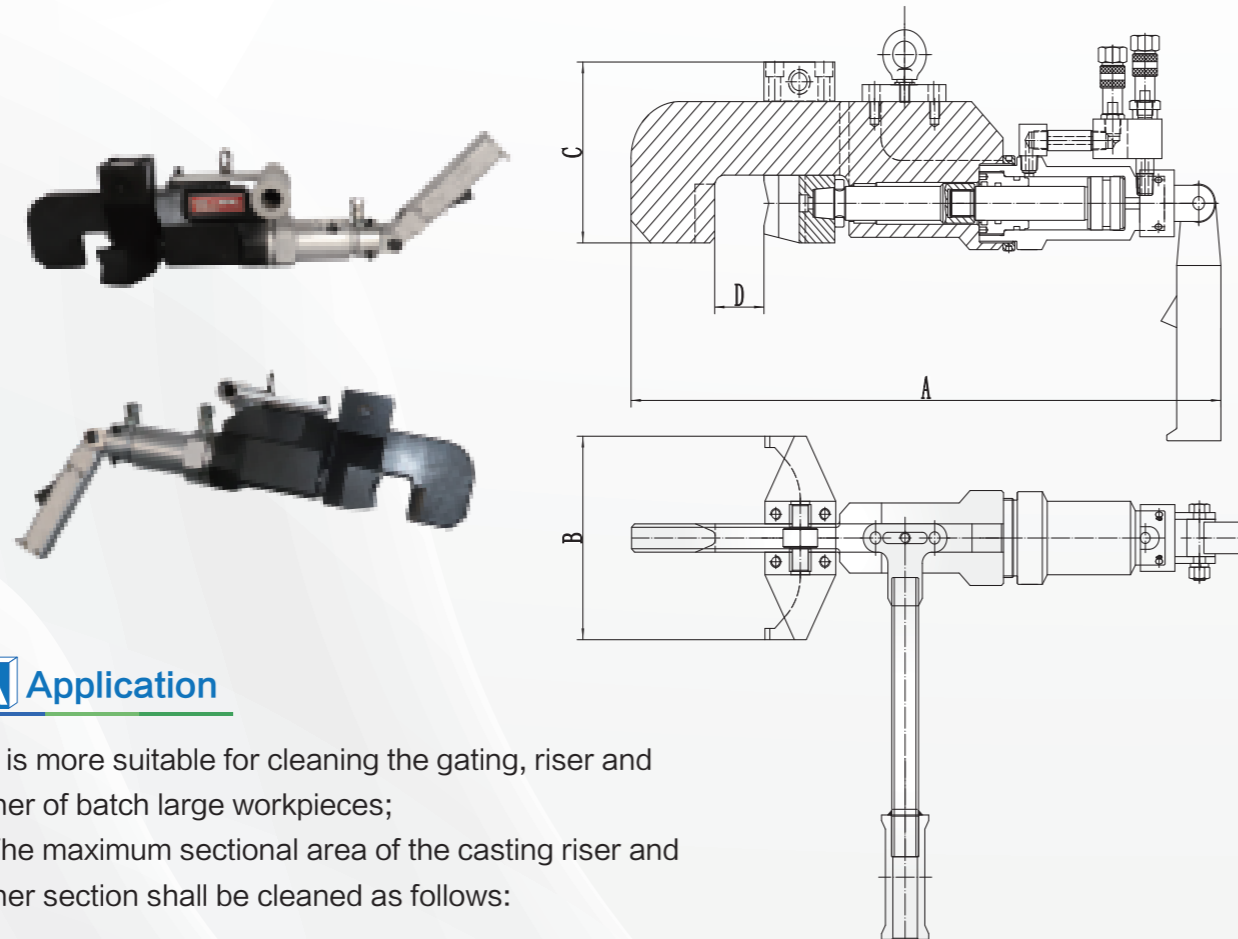
- (1) QT450 ≤ ϕ 50mm
- (2) HT200 ≤ ϕ 55mm

Runner Cutter J80

Technical Parameters

model	all length (A) mm	weight Kg	cutting force Ton	opening width (D)mm	width (B)mm	height (C)mm	work pressure Mpa	suspend method
J80	1057	70	40.6	136	300	256	70	balancer

Input Pressure/output Tonnage Variation					
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	17.4	23.2	29	34.8	40.6



Application

※ It is more suitable for cleaning the gating, riser and runner of batch large workpieces;
 ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:

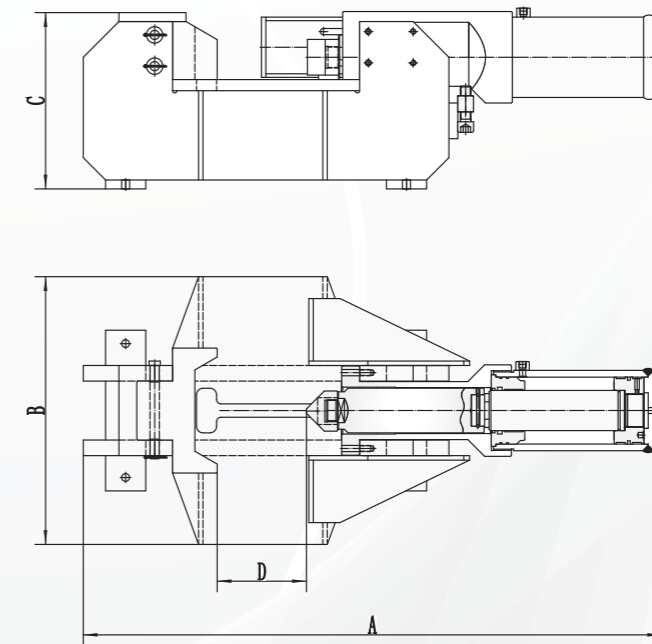
- (1) QT450 ≤ ϕ 55mm
- (2) HT200 ≤ ϕ 85mm

Runner Cutter J150

Technical Parameters

model	all length (A) mm	weight Kg	cutting force Ton	opening width (D)mm	width (B)mm	height (C)mm	work pressure Mpa	suspend method
J150	1307	348	44	200	600	395	25	Stationary

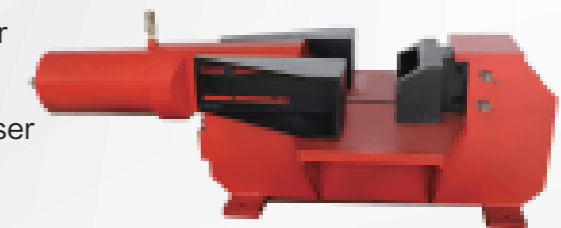
Input Pressure/output Tonnage Variation				
Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa
Output Tonnage	17.6	26.4	35.2	44



Application

※ It is more suitable for cleaning the gating, riser and runner of batch large workpieces;
 ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:

- (1) QT450 ≤ ϕ 75mm
- (2) HT200 ≤ ϕ 95mm



■ Foundry Runner Breaker

A Technical Parameters

model	all length (A) mm	weight Kg	cutting force Ton	opening width (D)mm	width (B)mm	height (C)mm	work pressure Mpa	suspend method
JDQ-60	560	52	37	35	435	460	70	balancer
JDQ-100	770	121	77	95	465	583	70	balancer

JDQ-60 Input Pressure/output Tonnage Variation

Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	15	21	26	31	37

JDQ-100 Input Pressure/output Tonnage Variation

Input Pressure	30Mpa	40Mpa	50Mpa	60Mpa	70Mpa
Output Tonnage	33	44	55	66	77

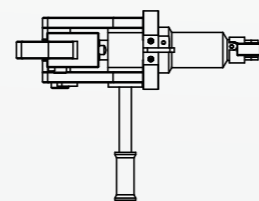
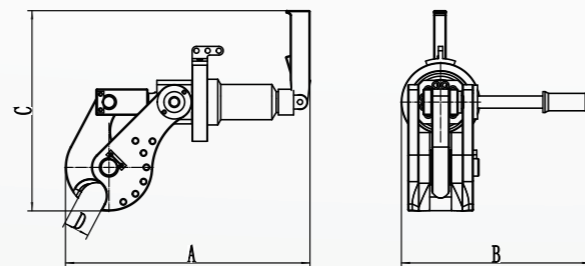
A Application

JDQ-60

- ※ It is more suitable for cleaning the gating, riser and runner of batch small and medium-sized workpieces;
- ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:
 - (1) QT450 ≤ 30mm
 - (2) HT200 ≤ 35mm

JDQ-100

- ※ It is more suitable for cleaning the gating, riser and runner of batch large workpieces;
- ※ The maximum sectional area of the casting riser and runner section shall be cleaned as follows:
 - (2) HT200 ≤ 65mm
 - (1) QT450 ≤ 55mm



■ Baking Apparatus

A Features



- ※ The product is small and easy to operate.
- ※ The burner adopts a special technology, which can form into bar-shaped flame with high power.
- ※ It is best to use mixed combustion of natural gas and oxygen, which will get the best effect, otherwise, liquefied gas and compressed air can be mixed used, as long as two gases are sufficient (there is no gas cut-off), they will not go out.

A Technical Parameters

Burning Nozzle Diameter	60 mm
Flame Jet Length	135 mm
Flame Temperature	1200 °C
Flame Diameter	60 mm
Flame Length	600 mm
Power	30KW (2600Kcal/H)
Characteristic	Bar Flame

■ Foundry Runner Breaking Machine

Parameters

Body Dimension	W 1080mm × L 1350mm
Stand Dimension	W 1820mm × L 2680mm
Feeding Dimension	860mm × 420mm
Motor Parameter	22kw-6P-380V/50Hz
Hitting Speed	about 385rpm



The breaking machine is designed and produced by advanced Japanese technology, and the roller of special material is used to continuously hit the scrap returns such as the gating and riser, etc. The size and shape of the scrap returns after breaking is uniform. In addition, the molding sand adhering to the scrap returns such as the gating and riser is also cleaned during the breaking process. Therefore, greatly improve the efficiency of dissolution and the quality of molten iron, save manpower and improve production efficiency.

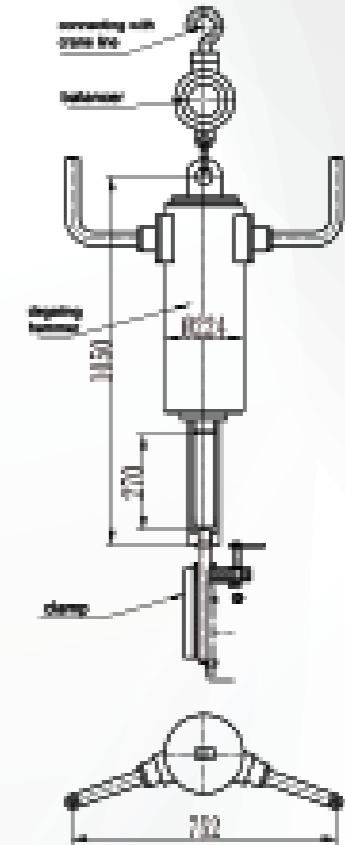
Finished Product



■ Pneumatic Riveting Hammer

Feature

- ※ Single action impact, multiple control modes, great power.
- ※ The carbon steel shell can adapt to harsh conditions because of high strength.
- ※ The latest energy storage system is adopted and engineered precisely, and the impact is great after energy is stored.
- ※ Low gas consumption and long service life. The latest technology in the pneumatic field is adopted, so its impact force and service life are much higher than those of traditional products.
- ※ It can be installed and used in any direction of space, and the installation method can be designed and processed as required.
- ※ The size is varied and can be designed according to customer needs.



Technical Parameters

model	impact effect			frenqucy (Time/min)	air consumption (L/min)	casting iron gating (Ø:mm)	work temperature (°C)	weight (Kg)
	sledge hammer(LB)	energe(J)	force(N)					
ASN-45T	4	500	5500	≤40	300	30	-20~90	102

(Non-standard products can be made for other parameters, max. Impact force is 290000N)

All kinds of non-standard pneumatic hammers can be customized.

Force Increasing Ratio

ASN-45T Air Input/Energy Output					
Air Input	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.8Mpa
Energy Output	286J	357J	429J	500J	---