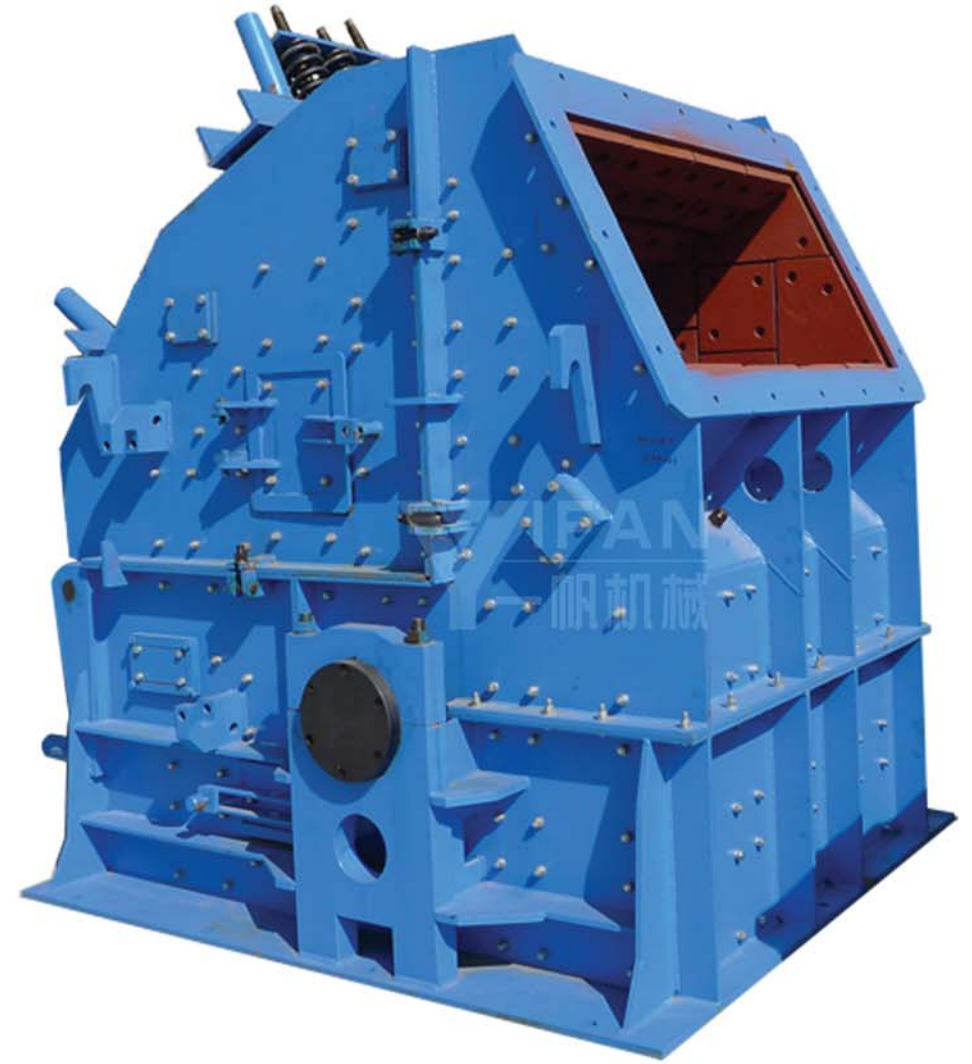


# YIFAN



## HCP(A)/HCS(A) Series Impact Crusher

Leading crushing and screening equipment manufacturer in China

Zhengzhou YiFan Machinery Co.,Ltd(the share-holder is Shande Technology (Beijing) Co., Ltd) has its headquarter in Beijing. It is a famous manufacturer of crushing and screening equipment and provides series stone crusher and crushing equipment for customers.



# YIFAN

ZHENGZHOU YIFAN MACHINERY CO.,LTD

Tel:+86 371 64628852 Web : [www.yfcrusher.com](http://www.yfcrusher.com) Add : Zhengyuan Rd, Xingyang, Zhengzhou Henan 450100, China

HCP (A)/HCS (A) Series Impact Crusher are built on advanced technology with a combination of domestic applications. More human-oriented with simple design and reasonable structure, bigger and better cavity, higher capacity. HCP (A)/HCS (A) Series Impact Crusher can crush kinds of soft and medium-hard ore, for coarse, medium and fine crushing, in primary and secondary crushing process. The series can be widely used in mining, construction, chemical, cement, metallurgical, etc. industries.



## Features and Benefits

- 1.High qualified raw material, less wear, high productivity under any circumstances. Top manufacturing process is the basis for extraordinary machine.
- 2.Strong product commonality can reduce cost. Two-cavity impact crusher can becomes three-cavity machine by adding grinding racks, and no need to change other parts.
- 3.Heavy type rotor, finite element endurance analysis, optimized design, reasonable structure and enhancing moment of inertia lead to bigger crushing ratio and better abrasion resistance.
- 4.Static and dynamic balancing test for the welding rotor should be done before assembling. To make sure the rotor have a smoothly running and long working life.
- 5.Main shaft is finished by quality forging, adopts keyless design and world advanced cover tightening connection to ensure the reliable working and make the maintenance easier.
- 6.Unique locking device for hammers makes the tightening moment of force more safe and bigger. And the replacement of hammers can be more simple and convenient.
- 7.Standard design for liners increase the interchangeability, decrease the repertory and variety of liners.
- 8.Simple but practical locking device lock the shell 1 and shell 2 together. This device has a easy operation and saves locking time.
- 9.Unique hydraulic device design is convenient for opening the fame racks to replace wear parts and adjust the discharge size.
- 10.Simple structure for impact racks and grinding racks. Easy operation, long working life, convenient maintenance and low cost.

## Technical Data

Model	Max Feed Size(mm)	Capacity(t/h)	Motor Power(kw)	Weight(without motor)(t)	
				With belt grinding cavity	Without belt grinding cavity
HCS128(A)	250	30-50	37-55	11.36	10.3
HCS139(A)	300	50-80	55-75	14.16	13.23
HCS239(A)	350	70-120	110-132	14.675	13.583
HCS255(A)	350	100-180	132-160	17.465	16.153
HCS359(A)	400	160-250	200-250	26.35	24.88
HCS459(A)	450	220-450	250-315	27.12	25.655
HCS579(A)	500	250-550	400-440	36.292	33.95
HCS679(A)	600	300-600	440-560	53.1	49.2
HCS779(A)	700	500-850	630	85.2	79.3

## Technical Date

Model	Max Feed Size(mm)	Capacity(t/h)	Motor Power(kw)	Weight(without motor)(t)	
				With belt grinding cavity	Without belt grinding cavity
HCP128(A)	300	30-50	37-55	11.56	10.56
HCP139(A)	400	50-80	55-75	14.4	13.47
HCP239(A)	500	70-120	110-132	14.696	13.596
HCP255(A)	500	100-180	132-160	17.43	16.12
HCP359(A)	600	160-250	200-250	26.26	24.61
HCP459(A)	650	220-450	250-315	27.046	25.438
HCP579(A)	700	250-550	400-440	36.01	33.67
HCP679(A)	800	300-600	440-560	52.6	48.3
HCP779(A)	1000	500-850	630	84.1	78.9



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