

# Multi-cylinder Hydraulic Cone Crusher



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PYG series cone crusher is the latest model of our company, it combines single cylinder cone crusher and PYF cone crusher, and it adopts a more advanced design concept. Better crushing frequency and uneven distance is used, so content of the fine grains is higher in crushing products.

Perfect combination of high performance crushing cavity and high crushing frequency improve its processing capacity greatly. And because of adopting laminated crushing principle, most of crushing products are cubic structure.

It adopts entirely hydraulic operation, which is easy to use and realize automation, so that its reliability and using life are improved greatly.

Simple structure is easy to operate and maintain, the adjustment of discharge opening is convenient and fast. Especially, the lining plate is very easy to be replaced quickly, which reduces stoppage time.

Optimum design and hydraulic protection make it have fewer breakdowns.

Generally, its fault-free operation ratio can surpass 85%.

### **Main technical parameter :**

Specifications	Model	Cavity type	Crushing cone	Adjusting range of	Feed opening size of the	Max. feeding	Capacity	Main motor	Weight	Dimensions
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			diameter	discharge opening	open edge when recommending the min. discharge opening	size		power		( L×W×H )
φ1500	PYGB-1518	Standard fine type	1500	19-50	180	152	320-725	400	38800	3405× 3480× 3196
	PYGB-1522	Standard medium type		25-50	223	190	365-725			
	PYGB-1534	Standard coarse type		32-50	335	285	405-725			
	PYGD-1509	Short head fine type		8-25	88	75	135-455			
	PYGD-1512	Short head medium type		10-25	124	105	175-455			
	PYGD-1515	Short head coarse type		13-25	152	130	225-455			
φ1400	PYGB-1415	Standard fine type	1400	16-50	152	130	225-620	315	29700	3106× 3170× 2945
	PYGB-1420	Standard medium type		22-50	200	170	270-620			
	PYGB-1433	Standard coarse type		26-50	330	280	300-620			
	PYGD-1408	Short head fine type		8-25	80	68	115-370			
	PYGD-1411	Short head medium type		10-25	106	90	140-370			
	PYGD-1414	Short head coarse type		12-25	135	115	180-370			
φ1100	PYGB-1114	Standard fine type	1100	16-45	135	115	180-445	220	18500	2520× 2620× 2400
	PYGB-1121	Standard medium type		20-45	211	180	200-445			
	PYGB-1124	Standard coarse type		26-45	235	200	230-445			
	PYGD-1107	Short head fine type		8-25	70	60	120-220			
	PYGD-1110	Short head medium type		12-25	96	82	120-220			
	PYGD-	Short head		14-25	124	105	120-220			

	1112	coarse type								
φ900	PYGB-0913	Standard fine type	950	14-38	130	110	130-250	160	17000	2007× 2225× 1950
	PYGB-0916	Standard medium type		18-38	155	132	145-250			
	PYGB-0921	Standard coarse type		22-38	210	178	155-250			
	PYGD-0907	Short head fine type		8-25	70	60	80-220			
	PYGD-0909	Short head medium type		10-25	90	76	90-220			
	PYGD-0912	Short head coarse type		12-25	118	100	120-220			

**Note :**

1. The processing capacity indicated in the table is related to feeding grain, crushing cavity, material density, material cleanness, water content, etc.
2. Minimal discharging opening means the minimal size which will not lead bearing to jump; this is related to materials and this discharging opening is changeable.
3. For some parameters such as “capacity”, anti-press strength of the material should be 1400Mpa-150Mpa, water content ≤ 4%, with even materials feeding.
4. Meanings of 4 numbers in model: first two means 1/100 of crushing cone diameter, next two mean 1/10 of discharge opening size on open edge.
5. The data is subject to change without notice