

WESTPRO

jaw crushers

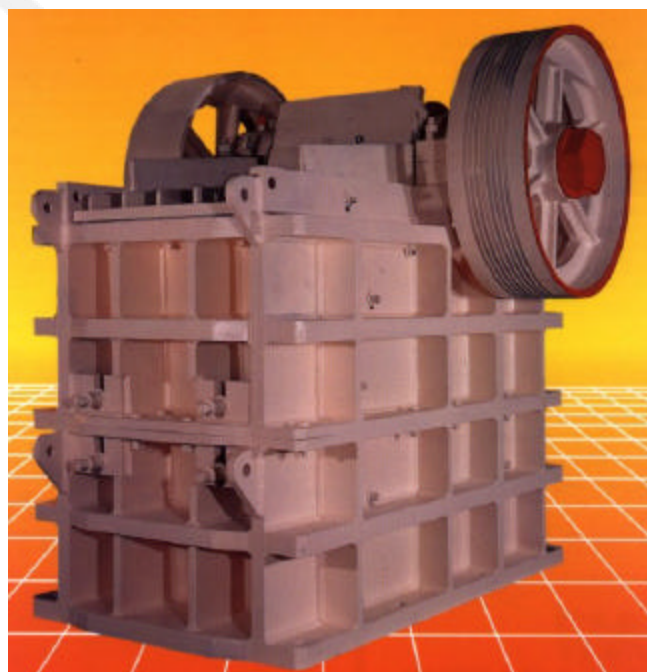
applications

PRIMARY CRUSHING:

- Mining
- Aggregate
- Demolition
- Industrial
- Construction
- Environmental

advantages

- Heavy Duty Design
- Long Life
- Cost Effective
- Standard Replacement Parts
- High Productivity



MODEL		FEED OPENING (mm)	CRUSHING CAPACITIES (T/H)																		POWER REQUIRED HP	PULLEY RPM
			OPEN SIDE SETTINGS (mm)																			
			25	30	40	50	60	65	70	75	80	100	125	150	175	200	225	250	300	400		
PRIMARY CRUSHERS	JC 1020	250 X 500	9-11	11-15	15-21	19-29	23-35	25-39												30-40	330	
	JC 1024	250X 600		12-18	18-26	23-35	26-42	30-46	34-52	38-58										40-50	320	
	JC 1524	375 X 600			24-36	30-46	36-54	40-60	43-64	46-70	56-84									40-60	300	
	JC 1530	375 X 750				33-51	39-59	44-66	48-72	54-80	57-85	68-102	78-118							50-75	300	
	JC 2030	500 X 750						48-72	53-79	60-90	65-96	80-120	92-138							75-100	290	
	JC 2436	600 X 900								73-109	88-132	109-163	123-184	137-205						100-125	285	
	JC 2650	650 X 1250								114-172	141-211	163-244	180-270	205-310	229-343					150-175	230	
	JC 3240	800 X 1000								109-163	136-204	154-232	204-306	227-340	248-372					150-175	250	
	JC 3648	900 X 1220									176-254	220-329	258-384	296-444	326-492	369-554				250-300	220	
	JC 4048	1020 X 1120									194-291	244-386	282-422	326-488	361-541	405-607	456-684			250-300	220	
	JC 4554	1145 X 1370										284-426	336-504	371-557	416-624	451-677	499-749	644-815		300-350	210	
	JC 5060	1270 X 1520										325-487	390-588	418-626	470-706	498-747	542-812	640-960		350-400	200	
	JC 5672	1470 X 1830											472-708	512-768	560-840	600-900	640-980	704-1056	872-1308	400-450	180	
Secondary Crushers	JC 1230	300 X 750		22-34	28-42	34-52	40-60	46-68	49-73											50-75	330	
	JC 1236	300 X 900		29-43	35-53	42-64	48-72	54-80	59-89											50-75	330	
	JC 1242	300 X 1050		34-52	42-62	51-77	56-84	61-91	70-108	82-122										60-75	350	

WESTPRO jaw crushers

components

1. Frame

- Heavy-duty design
- Steel plate welded construction
- Welded by CO2 shield arc process
- Stress relieved after fabrication

2. Crushing Chamber

- Deep crushing chamber
- Sharp nip angle ensures high crushing capacity

3. Swing Jaw & Main Bearing Housings

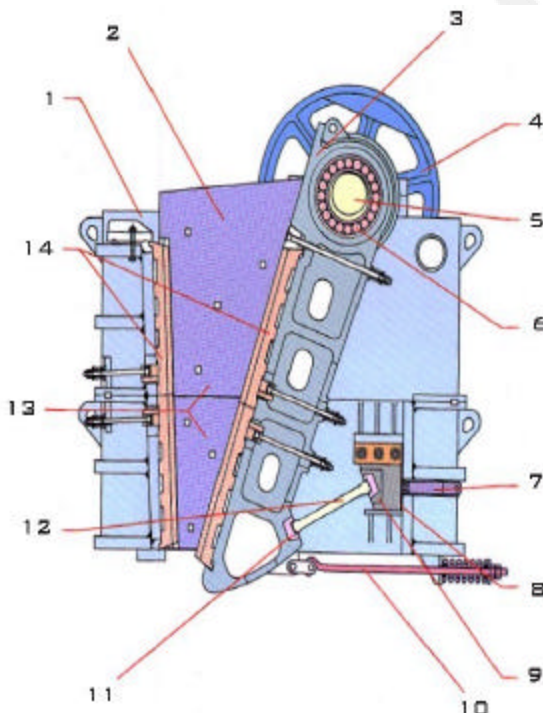
- Allows removal from frame as an integral sub assembly
- Permits onsite substitution of a change-over unit in the event of bearing damage
- Swing Jaw is a robust steel casting with fully machined face to support swing jaw plate

4. Flywheel

- Balances inertia
- Promotes smooth operation

5. Eccentric Shaft

- Forged from hardened and tempered chrome molybdenum steel
- Particularly large diameters to suit heavy-duty application



6. Bearings

- Fag or SKF heavy-duty self-aligning double row bearings on swing jaw and main frame
- Bath oil lubrication ensures positive lubrication
- Bearing life in excess of 8 years under typical quarry applications

7. Hydraulic Cylinder

- Allows easy adjustment of discharge setting by moving toggle block to the desired setting

8. Shim

- Allows easy adjustment of closed side setting

9. Toggle Block

10. Tension Rod with Spring

11. Toggle Seat

- Allows smooth toggle plate stroke

12. Toggle Plates

- Designed to shear protecting crusher components if non-crushable object is introduced to crusher (i.e. Steel)

13. Check Plates

- Manganese steel castings allow easy replacement

14. Jaw Plates

- High manganese steel castings can be reversed allowing extended life
- Wedge \ lug system allows easy replacement

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