



# LIBERTY™ JAW CRUSHER

## MODEL: 3244



**2 YEAR**  
EQUIPMENT  
WARRANTY

**1 YEAR**  
OEM PARTS  
WARRANTY

## STANDARD FEATURES

### ROBUST CONSTRUCTION

- » Heavy-duty main frame
- » Fabricated and stress relieved

### FRAME MOUNTED MOTOR

- » Reduces footprint
- » Frees up deck space
- » Smaller drive belt

### HYDRAULIC OPERATION

- » Wedge adjust
- » Spring tension rod system

### AGGRESSIVE NIP ANGLE

- » Consistently grabs toughest material
- » Maintained throughout die wear life

### PITMAN TOE PROTECTION

- » Protects wearing in fabrication
- » Replaceable

### DURABLE JAW DIES

- » Standard 18% manganese
- » Reversible
- » Built-in lifting points

### PRECISION MACHINED SHAFT

- » High strength 4340
- » Large diameter

### SPHERICAL ROLLER BEARINGS

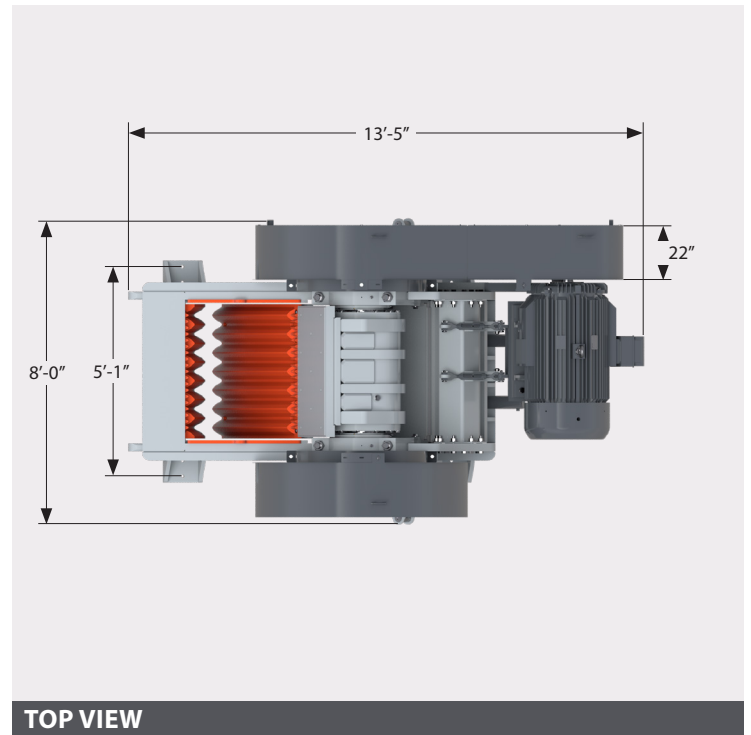
- » Large inboard and outboard
- » High load carrying capacity

### ABRASION RESISTANCE

- » Cheek plate liners
- » Side liners
- » Barrel protector

Recommended Horsepower	150HP
Nominal Feed Opening (tip to tip)	32" x 44"
Crusher Weight (without motors)	56,000 lbs.
Setting Range	3" - 12"
Capacity Range (STPH)	160 - 610
Operation RPM @ 1200 RPM	230
Bearings	
Side	240mm
Eccentric	280mm
Adjustment	
Standard	Hydraulic Wedge
Optional	Shim
Frame Style	Welded
Stroke	1.5"
Flywheel Diameter	60"
Jaw Die Retention Device (both dies)	Wedge (bolt)
Cheek Plate Retention Device	Bolted
Lubrication System	Grease
Barrel Protection	Yes
Standard Jaw Die Manganese %	18%

# GENERAL DIMENSIONS



(PERCENT PASSING) FOR A GIVEN CLOSED SIDE SETTING - AVERAGE FEED MATERIAL (12-14wi)									
SIZE	3	3.5	4	5	6	7	8	10	12
<b>18</b>									100
<b>16</b>								100	94
<b>14</b>								98	83
<b>12</b>							100	84	70
<b>10</b>					100	100	88	70	58
<b>8</b>				100	94	80	70	56	47
<b>7</b>				94	82	70	61	49	41
<b>6</b>		100	100	82	70	60	53	42	35
<b>5</b>	100	99	87	70	58	50	44	35	29
<b>4</b>	92	80	70	56	47	40	35	28	23
<b>3</b>	70	60	53	42	35	30	27	21	18
<b>2.5</b>	59	50	44	35	29	25	22	18	15
<b>2</b>	48	40	35	28	24	20	18	14	12
<b>1.5</b>	35	30	26	21	18	15	14	11	9
<b>1</b>	23	20	17	14	12	10	9	7	6
<b>0.75</b>	18	15	13	11	9	8	7	5	4
<b>0.5</b>	12	10	9	7	6	5	5	4	3
<b>0.25</b>	6	5	5	4	3	3	2	2	1
<b>STPH</b>	160	185	210	260	310	360	410	510	610