

# CRUSHING PLANT

## OVERVIEW





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# A FULL LINE THAT CRUSHES THE COMPETITION

From standard equipment to custom designs, Lippmann is the only name you need to know in crushing operations. Manufacturing Jaw, Impact and Cone crushers, we are able to provide all steps in crushing: primary, secondary, and tertiary. Also ask us about our range of screeners, stackers and other equipment to complete your spread and crushing needs. Trust our full line of solutions known for their legendary performance, versatility, and the user-friendly features that drive customer loyalty.

**JAW CRUSHERS · IMPACT CRUSHERS · CONE CRUSHERS**





## OUR STORY

Lippmann began 100 years ago designing and building high quality, heavy, durable custom static crushing plants tailored to our customers' specific needs. We then transitioned to building standardized portable models. The introduction of Lippmann tracked crushers, screeners and stackers was a natural step in the evolution of Lippmann. Understanding the customer and their business goals has been the cornerstone of our success. This close relationship is integral in choosing tracked mobile solutions as well. We have kept our premium quality philosophy and built our reputation on it by designing, building and supporting the heaviest and most durable machines in the industry.



- 1923** Edward Lippmann founded Lippmann Engineering Works family business, establishing what would become the cornerstone line of heavy-duty jaw crushers.
- 1976** The company changed name to Lippmann Milwaukee Inc, and the Gabriel Family take over ownership.
- 1982** Lippmann moved to its present location in Cudahy, Wisconsin, USA.
- 1990** Lippmann began making appearances at ConExpo, the United States' largest trade show of construction and mining companies.
- 1992** The 3062j Jaw Crusher is introduced, giving operators a new solution to process material for the recycling industry.
- 1992** Over the next 15 years, Russ Cascio, Lippmann's Chief Engineer, developed the innovative LJ3062 Jaw Crusher and spearheaded improvements to the overall crushing product lines to what they are today.

**1994** Diane Gabriel became CEO of the company after Joseph Gabriel suddenly passed away.

**1999** Lippmann purchased Kurtz Manufacturing, adding new impactors to its ever-growing product line.

**2002** Company shares were divided amongst family members as Lippmann became a C-Corporation with three principal shareholders: Robert Turner (President), Kerry Turner (Director of Marketing), and Diane Gabriel (CEO).

**2003** The powerful 5062j Jaw Crusher is introduced, giving Lippmann an edge in the mining market.

**2017** A new Portable Jaw Crushing Plant built to handle virtually any size application, the 3055j, debuts.

**2018** Lippmann was purchased by McCloskey International.

**2019** Gary Guthrie is named Managing Director of Lippmann.

**2019** Lippmann and McCloskey are purchased by the Finnish industrial machinery company Metso:Outotec.

**2019** Lippmann extends its reliable product line with cone crushers that can tackle secondary, tertiary, and quaternary applications.

**2022** Kevin Kiesgen becomes Vice President of Lippmann.

**2022** Lippmann expands beyond North American market.

**2023** Lippmann celebrates 100 years.



MADE IN USA

LIPPMANN

CAUTION  
HARD HAT  
AREA

# JAW CRUSHERS

The cornerstone equipment line. Designed for strength and dependability in the harshest conditions. Frames are stress-relieved before machining and after welding to ensure the highest quality product. Through finite element analysis, Lippmann engineers have been able to provide Jaw Crushers with maximum strength at all stress points; promoting trouble-free operation.



# Mobile Jaw Crusher

## 1060j-t

The 1060j packs the same performance as the 1200j as an incredibly commanding and resilient jaw crusher. Load up capacities in excess of 400 TPH and produce high quality material in ways the competition's crushers just can't match.



### STANDARD FEATURES

- 1060mm wide x 700mm single toggle jaw
- Choice of CAT or Volvo, LRC or T4F/Stage V engines
- HD crawler tracks
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time
- Quick release jaw for transport

1060j-t JAW	US	METRIC
Feed Opening	42"	1060mm
Crusher Drive	Hydraulic - V-Belt	Hydraulic - V-Belt
Min. Opening	2.8"	70mm
Max. Opening	8"	200mm
CSS Adjustment	Hydraulic Wedges	Hydraulic Wedges
Level Sensor	Ultrasonic	Ultrasonic

HOPPER		
Hopper Length	13' 8.3"	4175mm
Hopper Width	8'	2342mm
Hopper Volume	7.6 yd <sup>3</sup>	5.8m <sup>3</sup>

FEEDER		
Feeder Width	41.9"	1064mm
Adjustable Speed	YES - Via Electrical Proportional	YES - Via Electrical Proportional
Drive	Hydraulic	Hydraulic

ENGINE		
Engine Option 1	Volvo D11 T4F/ Stage V, 360 hp	Volvo D11 T4F/ Stage V, 270kW
Engine Option 2	CAT C9.3B T4F/ Stage V, 416 hp	CAT C9.3B T4F/ Stage V, 310kW
Engine Option 3	CAT C9.3 LRC, 416 hp	CAT C9.3 LRC, 310kW
Engine Speed	1800 rpm	1800 rpm
Fuel Tank Capacity	141 US gal	535L
Hydraulic Tank Capacity	272 US gal	1030L

DIMENSIONS		
Transport Length	53' 2"	16.20m
Transport Width	9' 6"	2.90m
Transport Height	11' 5.8"	3.50m
Operating Length	50' 8"	15.44m

CONVEYOR		
Stockpile Height	12' 10"	3912mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

<b>TOTAL WEIGHT</b>	106,900 lbs	48,500kg
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# Mobile Jaw Crusher

## 1200j-te

Crushing operations looking for mobility and crushing capacities in excess of 363 MTPH in one product turn to the Lippmann 1200j, one of the most powerful in the jaw crusher product range. The 1200j is designed to maximize output of high quality material, with a heavy duty build and high quality wear parts and components to minimize downtime.



### STANDARD FEATURES

- 1200mm wide x 864mm single toggle jaw
- Choice of CAT or Volvo, LRC or Tier 4/Stage 5 engines
- HD crawler tracks
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time
- Quick release jaw for transport

1200j-te JAW	US	METRIC
Feed Opening	48" x 34"	1200mm x 964mm
Crusher Drive	Hydraulic V-belts	Hydraulic V-belts
Min. Opening	2.8"	70mm
Max. Opening	8.3"	212mm
CSS Adjustment	Hydraulic Wedges	Hydraulic Wedges
Level Sensor	Ultrasonic	Ultrasonic
<b>HOPPER</b>		
Hopper Length	16' 4.7"	5000mm
Hopper Width	8'	2442mm
Hopper Volume	8.9 yd <sup>3</sup>	6.8m <sup>3</sup>
<b>FEEDER</b>		
Feeder Width	45.8"	1164mm
Adjustable Speed	YES - via mechanical Flow Control	YES - via mechanical Flow Control
Drive	Hydraulic	Hydraulic
<b>ENGINE</b>		
Engine Option 1	CAT C9.3B Tier 4F/ Stage 5, 416 hp	CAT C9.3B Tier 4F/ Stage 5, 310kW
Engine Option 2	CAT C9.3B Tier 3, 416 hp	CAT C9.3B Tier 3, 310kW
Engine Speed	1500 rpm - 50Hz, 1800 rpm - 60Hz	1500 rpm - 50Hz, 1800 rpm - 60Hz
Fuel Tank Capacity	202 US gal	765L
Hydraulic Tank Capacity	79.25 gal	300L
<b>DIMENSIONS</b>		
Transport Length	58' 10.6"	17.96m
Transport Width	10' 2"	3.10m
Transport Height	12' 9.5"	3.90m
Operating Length	67' 7.9"	20.62m
<b>CONVEYOR</b>		
Stockpile Height	16' 9.8"	5130mm
Belt Width	55"	1400mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
<b>TOTAL WEIGHT</b>	154,765 lbs	70,200kg

# Mobile Jaw Crusher

## 2745j-t

The 2745j-t and 2745 j-tr high-capacity jaw crushers feature a true 27" x 45" jaw and a high-capacity hopper with close to 8 yd<sup>3</sup> capacity. The main conveyor features easy access heavy duty skirting and is closer to ground level for ease of access and maintenance.

With both level and load sensors the 2745j ensures the most efficient material handling across applications. A heavy-duty bofar design and pan feeder chutes with steeper angles help reduce material sticking. Looking for versatility? The 2745 j-tr offers a recirculating system to produce a crushed and screened final product with one machine; or, the return conveyor can be radiated to the side to stockpile rather than feeding back into the hopper.

Rugged and adaptable, the 2745j-t and 2745 j-tr offer the field-tested reliability required for the toughest projects around the globe.



### STANDARD FEATURES

- 45" (1140mm) 27" (688mm) jaw
- 42" (1050mm) extended main conveyor
- High capacity folding Hardox® hopper
- Hydraulic folding stockpiling conveyor
- User friendly control panel
- Open chassis for ease of maintenance
- Fast set up time

2745J JAW	US	METRIC
Feed Opening	27" x 45"	688mm x 1140mm
Crusher Drive	Hydraulic - Banded V-Belt	Hydraulic - Banded V-Belt
Min. Opening	2"	51mm
Max. Opening	6.25"	157mm
CSS Adjustment	Twin hydraulic ram wedge adjust system	Twin hydraulic ram wedge adjust system
Level Sensor	Ultrasonic	Ultrasonic
<b>HOPPER</b>		
Hopper Length	14' 10"	4530mm
Hopper Width	7' 3.4"	2222mm
Hopper Volume	7.3 yd <sup>3</sup>	5.6m <sup>3</sup>
<b>FEEDER</b>		
Feeder Width	41.9"	1064mm
Adjustable Speed	YES	YES
Drive	Hydraulic direct drive	Hydraulic direct drive
<b>ENGINE</b>		
Engine Option 1	Tier 3 CAT C9 275 hp	Tier 3 CAT C9 205kW
Engine Option 2	Tier 4i CAT C9.3 261 hp	Tier 4i CAT C9.3 350kW
Engine Speed	1900 rpm	1900 rpm
Fuel Tank Capacity	168 US gal	636L
Hydraulic Tank Capacity	317 US gal	1200L
<b>DIMENSIONS</b>		
Transport Length	47' 5.9"	14.48m
Transport Width	8' 2.5"	2.5m
Transport Height	11' 1.8"	3.4m
Operating Length	47' 1"	14.35m
<b>CONVEYOR</b>		
Stockpile Height	12' 8.7"	3880mm
Belt Width	42"	1050mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
<b>TOTAL WEIGHT</b>	96,783 lbs	43,900kg



# Mobile Jaw Crusher

## 2745j-tr



### STANDARD FEATURES

- 1140 (45") x 688 (27") single toggle jaw
- 350 Hp C9/C9.3 CAT engine
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

2745j-tr JAW	US	METRIC
Feed Opening	27" x 45"	688mm x 1140mm
Crusher Drive	Hydraulic - Banded V-Belt	Hydraulic - Banded V-Belt
Min. Opening	2"	51mm
Max. Opening	6.25"	157mm
CSS Adjustment	Twin hydraulic ram wedge adjust system	Twin hydraulic ram wedge adjust system
Level Sensor	Ultrasonic	Ultrasonic
<b>HOPPER</b>		
Hopper Length	14' 10"	4530mm
Hopper Width	7' 3.4"	2222mm
Hopper Volume	7.3 yd <sup>3</sup>	5.6m <sup>3</sup>
<b>FEEDER</b>		
Feeder Width	41.9"	1064mm
Adjustable Speed	YES	YES
Drive	Hydraulic direct drive	Hydraulic direct drive
<b>ENGINE</b>		
Engine Option 1	Tier 3 CAT C9 275 hp	Tier 3 CAT C9 205kW
Engine Option 2	Tier 4i/4f CAT C9.3 261 hp	Tier 4i/4f CAT C9.3 350kW
Engine Speed	1900 rpm	1900 rpm
Fuel Tank Capacity	168 US gal	636L
Hydraulic Tank Capacity	317 US gal	1200L
<b>DIMENSIONS</b>		
Transport Length	50' 3.2"	15.42m
Transport Width	10' 2"	3.1m
Transport Height	11' 1.8"	3.4m
Operating Length	50' 5.6"	15.38m
<b>CONVEYOR</b>		
Stockpile Height	12' 8.7"	3880mm
Belt Width	42"	1050mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
<b>TOTAL WEIGHT</b>	123,459 lbs	56,000kg

# Mobile Jaw Crusher

## 2950j-t

The widest jaw in its class with a 26" x 50" single toggle jaw, the 2950j-t places Lippmann at the fore of portable crushing machinery. Maximum productivity is delivered through the enhancements to the jaw box including heavier flywheels and optimization for all crushing applications. The 2950j-t's jaw speed leads to better reduction and material being processed faster through the crushing chamber.



### STANDARD FEATURES

- 50" x 29" (1270mm x 735mm) single toggle jaw
- 350Hp C9/C9.3 CAT/361Hp D11 Volvo engine
- Track or Track c/w Wheel bogie
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

2950j-t JAW	US	METRIC
Feed Opening	29" x 50"	737mm x 1270mm
Crusher Drive	Hydraulic - V-Belt	Hydraulic - V-Belt
Min. Opening*	2"	51mm
Max. Opening	7"	175mm
CSS Adjustment	Hydraulic wedge system	Hydraulic wedge system

\*Note Applications

HOPPER		
Hopper Length	17' 8"	5374mm
Hopper Width	8'	2440mm
Hopper Volume	8.9 yd <sup>3</sup>	6.8m <sup>3</sup>

FEEDER		
Feeder Width	45.8"	1164mm
Adjustable Speed	YES - Via Mechanical Flow Control	YES - Via Mechanical Flow Control
Drive	Hydraulic	Hydraulic

ENGINE		
Engine Option 1	Tier 4/Stage V CAT C9.3/Volvo D11 375 hp/361 hp	Tier 4/Stage V CAT C9.3/Volvo D11 280kW/265kW
Engine Option 2	Tier 3 CAT C9/Volvo D11 375 hp/361 Hp	Tier 3 CAT C9/Volvo D11 280kW/265kW
Engine Speed	1900 rpm	1900 rpm
Fuel Tank Capacity	211 US gal	800L
Hydraulic Tank Capacity	475 US gal	1800L

DIMENSIONS		
Transport Length	50' 8"	15.442m
Transport Width	9' 10"	3.0m
Transport Height	11' 8.8"	3.577m
Operating Length	56' 0.1"	17.072m

CONVEYOR		
Stockpile Height	13' 11"	4250mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

TOTAL WEIGHT		
	129,411 lbs	58,700kg



# Mobile Jaw Crusher

## 3048j-w

One of the original and most reliable jaws Lippmann has to offer is the 3048j jaw crusher. It is ideally sized for easy transport and is set up with the production and reliability needed for the toughest and most demanding of applications. Being the heaviest jaw on the market in this size range makes it unique and ideal for any hard rock applications.



### STANDARD FEATURES

- Extra-heavy ribbed steel frame is stress-relieved after welding and before machining
- One-piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Oversized tapered roller bearings
- Reversible manganese steel jaw dies and extension
- Steel cheek plates
- Grease-lubricated
- Two heavy-duty flywheels, one grooved for V-belts

SPECIFICATIONS	US	METRIC
Jaw Crushers	30" x 48"	762mm x 1219mm
RPM	250 rpm	250 rpm
Stroke	1-1/2"	38mm
Feed Size	27"	686mm
Discharge Conveyor	48"	1219mm
Discharge Conveyor Operating Speed	318 ft/m	237m/m
Feeder	51" x 20'	1295mm x 6.10m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	5'	1.52m
<b>POWER</b>		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor x2	15 hp	11kW
<b>TRANSPORTATION</b>		
Tires	315/80R22.5 lbs	315/80R22.5kg
Rear Axle	70,500 lbs	31,978kg
King Pin	51,500 lbs	23,360kg
Feeder Module	32,250 lbs	14,628kg
<b>TOTAL WEIGHT</b>	<b>154,250 lbs</b>	<b>69,966kg</b>

# Mobile Jaw Crusher

## 3055j-w

With an impressive opposing wedge design, the 3055j jaw crushing plant is perfectly suited for any-size job. Lippmann has engineered the chassis to accept any application you require, including a hydraulic hopper removal system, extended discharge conveyor to feed secondary or screen plant, diesel or electric, hydraulic dump grizzly, cross conveyor, and hydraulically folding hopper extensions.



SPECIFICATIONS	US	METRIC
Jaw Crushers	30" x 55"	762mm x 1397mm
RPM	250 rpm	4.17 Hz
Stroke	1-1/2"	38mm
Feed Size	27"	686mm
Discharge Conveyor	54"	1372mm
Discharge Conveyor Operating Speed	318 hp	237kW
Feeder	55" x 20'	1397mm x 6.10m
Feeder Operating Speed - Max	830 hp	619kW
Grizzly Length	5'	1.52m
<b>POWER</b>		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Opposing Wedge	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor	15 hp	11kW
<b>TRANSPORTATION</b>		
Tires	315/80R22.5 lbs	315/80R22.5kg
Rear Axle	71,000 lbs	32,201kg
King Pin	55,750 lbs	25,288kg
Feeder Module	69,250 lbs	31,411kg
<b>TOTAL WEIGHT</b>	<b>166,250 lbs</b>	<b>75,410kg</b>

### STANDARD FEATURES

- Extra-heavy ribbed steel frame is stress relieved after welding and before machining
- One-piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Oversized roller bearings on the pitman
- Spherical roller bearings on the frame
- Reversible manganese steel jaw dies and extension
- Steel cheek plates
- Opposing wedge toggle tensioning system
- Grease-lubricated
- Two heavy-duty flywheels, one grooved for V-belts



# Mobile Jaw Crusher

## 3062j-w

The 3062 jaw crusher is the only crusher on the market specifically designed extra wide for the recycling industry. It handles slabby concrete, reducing or eliminating the need to prep material. The short stature of the jaw crusher also contributes to the success of this crusher allowing material to easily enter the chamber without causing a tramp event. Another advantage to this plant is the large 62" feeder which allows the recycle material to easily flow into the jaw without any taper.



### STANDARD FEATURES

- An extra heavily ribbed steel frame stress-relieved after welding and before machining
- One piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Steel cheek plates
- Oversized tapered roller bearings in both the pitman and frame
- Reversible manganese steel jaw dies and extensions
- Two heavy-duty flywheels, one grooved for V-belts
- Automatic oil lubrication system which delivers a metered flow of filtered oil to each bearing

SPECIFICATIONS	US	METRIC
Jaw Crusher	30" x 62"	770mm x 1580mm
RPM	230 rpm	230 rpm
Stroke	1-1/2"	38mm
Feed Size	27"	686mm
Discharge Conveyor	N/A	N/A
Discharge Conveyor Operating Speed	318 ft/m	237 m/m
Feeder	62" x 18'	1575mm x 5.5m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	4'	1.22m
<b>POWER</b>		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor	N/A	N/A
<b>TRANSPORTATION</b>		
Transport Length	49' 7.75"	15.13m
Transport Width	11' 3"	3.43m
Transport Height	18' 4.38"	5.9m
Rear Axle	70,250 lbs	31,865kg
King Pin	54,250 lbs	24,607kg
Feeder Module	36,250 lbs	16,443kg
<b>TOTAL WEIGHT</b>	<b>160,750 lbs</b>	<b>72,915kg</b>

# Mobile Jaw Crusher

## 3447j-w

The 34x47 wheeled plant has been developed to be a high tonnage crusher with both the ease of maintenance and transportability. The 34" gape allows you to feed a 27.5" rock with ease. The jaw also features an opposing wedge design that allows the producer to make adjustments easily and safely.



### STANDARD FEATURES

- 48" single Toggle Jaw c/w 200 HP Motor
- Integrated Motor mount
- Open Wheeled Chassis for ease of maintenance
- Heavy Duty chassis for semi towing
- Heavy Duty 4 axle spring suspension
- Chassis cable hooks
- 30" cross conveyor for grizzly bypass
- Fast setup time

SPECIFICATIONS	US	METRIC
Jaw Crusher	34" x 47"	870mm x 1200mm
RPM	230 rpm	230 rpm
Stroke	1-1/2"	38mm
Feed Size	27.5"	699mm
Discharge Conveyor	54"	1372mm
Pan Feeder	51" x 20'	1295mm x 6m
<b>POWER</b>		
Electric Motor	200 hp	149kW
<b>TRANSPORTATION</b>		
Transport Length	60' 10"	18.55m
Transport Width	11' 4"	3.45m
Transport Height	13' 7"	4.14m
Quad	65,800 lbs	29,846kg
King Pin	64,900 lbs	29,438kg
Hopper	67,500 lbs	30,617kg
<b>TOTAL WEIGHT</b>	130,700 lbs	59,285kg



# Mobile Jaw Crusher

## 3650j-w

Take performance and production to new levels with the 3650j. The high production jaw crusher is engineered with a super-aggressive nip angle and 1.5" (38mm) stroke, making it ideal for any application. The 3650j is especially reliable in any hard rock application other crushers just can't match. Time and time again, this powerful plant has proven it will handle the toughest of applications.



### STANDARD FEATURES

- Extra-heavy ribbed steel frame is stress relieved welding and before machining
- One-piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Oversized tapered roller bearings
- Reversible manganese steel jaw dies and extensions
- Steel cheek plates
- Manual toggle adjustment
- Automatic oil lubrication system which delivers a metered flow of filtered oil to each bearing
- Two heavy-duty flywheels, one grooved for V-belts

SPECIFICATIONS	US	METRIC
Jaw Crusher	36" x 50"	914mm x 1270mm
RPM	230 rpm	230 rpm
Feed Size	27"	686mm
Discharge Conveyor Width	54"	1372mm
Discharge Conveyor Operating Speed	318 hp	237kW
Feeder	51" x 24'	1295mm x 7.32m
Feeder Operating Speed	830 hp	619kW
Grizzly Length	6'	1.83m
<b>POWER</b>		
Jaw Crusher	250 hp	186kW
Autolube	1 hp	0.75kW
Toggle Power Unit (optional)	7.5 hp	5.59kW
Taper Wedge (optional)	1.5 hp	1.12kW
Feeder	60 hp	44kW
Conveyor	25 hp	18kW
<b>TRANSPORTATION*</b>		
Tires	80R22.5 lbs	80R22.5kg
Rear Axle	75,000 lbs	34,019kg
King Pin	73,500 lbs	33,339kg
Tag Axle	20,000 lbs	9,072kg
King Pin	64,900 lbs	29,438kg
<b>TOTAL AXLE WEIGHT</b>	67,500 lbs	30,617kg
Weight of Feeder and Hopper Module	52,250 lbs	23,700kg
<b>TOTAL WEIGHT</b>	220,750 lbs	100,131kg

\*With hopper extensions, upper platform

# Mobile Jaw Crusher

## 3862j-w

The 3862 is one of the newer jaw crushers in the Lippmann fleet designed to give you a little more gape but maintain the aggressive nip angle resulting in a higher rate of production. The plant features a wide 62" feeder with a 10' grizzly section ideal for cleaning material prior to going into the crusher. This will increase efficiency and production going through the jaw crusher.



### STANDARD FEATURES

- An extra heavily ribbed steel frame-stress relieved after welding and before machining
- One piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Manual toggle adjustment
- Bolt in replaceable toggle bearings
- Oversized tapered roller bearings in both the pitman and frame
- Reversible manganese steel jaw dies and extensions
- Manganese steel check plates
- Two heavy duty flywheels, one grooved for V-belts
- Replaceable Swing jaw barrel protector
- Replaceable wear plate behind the swing jaw die and stationary jaw die
- Automatic Oil Lubrication System which delivers a metered flow of filtered oil to each bearing

SPECIFICATIONS	US	METRIC
Jaw Crusher	38" x 62"	970mm x 1580mm
RPM	210 rpm	210 rpm
Feed Size	36"	914mm
Discharge Conveyor	60" x 51'	1524mm x 15.5m
Discharge Conveyor Operating Speed	315 ft/m	96 m/m
Feeder	62" x 24'	1575mm x 7.32m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	8' Step	2.4m Step
<b>POWER</b>		
Jaw Crusher	250/300 hp	186/224kW
Autolube	1 hp	0.75kW
Feeder	60 hp	45kW
Discharge Conveyor	50 hp	37kW
<b>TRANSPORTATION</b>		
Transport Length	72' 7"	22.12m
Transport Width	13' 4"	4.06m
Transport Height	17' 5"	5.31m
Rear Axle	70,000 lbs	31,751kg
King Pin	35,000 lbs	15,876kg
Feeder Module	58,000 lbs	26,308kg
Jaw	113,100 lbs	51,301kg
Fall off Load	55,000 lbs	24,948kg
<b>TOTAL WEIGHT</b>	<b>331,100 lbs</b>	<b>150,184kg</b>



# Mobile Jaw Crusher

## 1300j-te

Utilizing smart design with high operational reliability, the 1300j conveniently switches from generator to electric mains so you can always select the most economical power source. When alternating between diesel and electric, you'll always enjoy stable, efficient production with little environmental impact.

An impressive 51" x 39" crushing jaw features a large intake that accepts some of the largest of mining and aggregate material in the industry. A central dashboard is designed for easy monitoring of your most relevant machine data.

Transport weight is kept as minimal as possible thanks to the plant's ability to separate into two parts—also a key benefit for accessibility when service or maintenance is required.



### STANDARD FEATURES

- 51" x 39" Jaw opening
- Hydraulic closed side setting adjustment
- JF 1250 feeder with 2-step grizzly
- Hopper and chutes lined with wear plates
- Telematics control system with 10" (254mm) screen
- Adjustable conveyor under the crushing chamber
- Emergency stops on strategic locations on the unit
- Ladders, stairs, platforms with rails at necessary places
- Jobsite lights with 230V LED, and 24V LED spotlight
- Ground-level diesel tank access for Genset
- Electric control cabinet with PLC monitoring and PC
- Self-regulating front jack legs
- Radio-controlled tracks

SPECIFICATIONS	US	METRIC
Feed Opening	51" x 39"	1300mm x 1000mm
CSS	4" - 11"	100mm - 280mm
Tons Per Hour	300 - 915 STPH	270 - 830 MTPH
Operating Speed	220 rpm	220 rpm
Stroke	1-5/8"	41mm
Feed Size	32"	800mm
Discharge Conveyor Height	12' 0" - 14' 7"	3600mm - 4450mm
Discharge Conveyor Length	59'	18m
Discharge Conveyor Width	55"	1400mm
Discharge Conveyor Operating Speed	4.2 ft/s	1.3 m/s
Feeder	JF 1250 with grizzly	JF 1250 with grizzly
Feeder Dimensions	16' 5" x 3' 10"	5000mm x 1200mm

### POWER UNIT AND ELECTRICS/HYDRAULICS

Engine	Volvo TAD 1382GE, EU Stage V	Volvo TAD 1382GE, EU Stage V
Generator	Stamford 400kVA	Stamford 400kVA
Diesel Tank	766 US Gal	2900L

### TRANSPORTATION

Length	55' 0"	16.7m
Width	11' 6"	3.5m
Height	12' 10"	3.9m
Feeder Section Weight	135,000 lbs	61,000kg
Chassis Section Weight	104,000 lbs	47,000kg

<b>TOTAL WEIGHT</b>	239,000 lbs	108,000kg
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# Mobile Jaw Crusher

## 4248j-w

This jaw plant is designed for in-pit crushing, high capacity applications and provides unmatched production and reliability in the market. It features an options hammer and hopper extensions capable of handling large front end loaders or trucks and is specifically designed to handle 1000+ tons per hour making sure there is enough capacity in the hopper and conveyor to be able to obtain this.



### STANDARD FEATURES

- An extra heavily ribbed steel frame-stress relieved after welding and before machining
- One piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Manual toggle adjustment
- Bolt-in replaceable toggle bearings
- Oversized tapered roller bearings in both the pitman and frame
- Reversible manganese steel jaw dies and extensions
- Manganese steel cheek plates
- Two heavy-duty flywheels, one grooved for V-belts
- Swing jaw barrel protector
- Replaceable wear plate behind the swing jaw die & stationary jaw die
- Automatic oil lubrication system which delivers a metered flow of filtered oil to each bearing

SPECIFICATIONS	US	METRIC
Jaw Crusher	42" x 48"	1070mm x 1220mm
RPM	220 rpm	220 rpm
Feed Size	38"	965mm
Discharge Conveyor	54"	1372mm
Discharge Conveyor Operating Speed	303 ft/m	92m/m
Feeder	56" x 26'	1575mm x 7.92m
Feeder Operating Speed - Max	840 rpm	840 rpm
Grizzly Length	8' Step	2.4m Step
<b>POWER</b>		
Jaw Crusher	250 hp	186kW
Autolube	1 hp	0.75kW
Feeder	75 hp	56kW
Discharge Conveyor	30 hp	22kW
<b>TRANSPORTATION</b>		
Transport Length	58' 10"	6.96m
Transport Height	14' 0"	4.27m
Rear Axle	66,500 lbs	30,164kg
King Pin	33,500 lbs	15,195kg
Feeder Module	52,000 lbs	23,587kg
Jaw	136,000 lbs	61,689kg
Fall off Load	54,000 lbs	24,494kg
<b>TOTAL WEIGHT</b>	<b>342,000 lbs</b>	<b>155,129kg</b>



# Primary Crushing Plant

## 5062j-w

This primary crushing station is designed for heavy-duty and high production applications. With it handling 100-ton trucks this plant is capable of 1800-2200tph. Lippmann designs customer primary stations that will fit their needs and demands. Keeping safety in mind, Lippmann has designed these plants with plenty of clearance to easily maintain this large equipment and provide optimum uptime for the customer by allowing material to flow freely.



### STANDARD FEATURES

- An extra heavily ribbed steel frame—stress-relieved after welding and before machining
- One piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Manganese steel cheek plates
- Oversized tapered roller bearings in both the pitman and frame
- Reversible manganese steel jaw dies and extensions
- Manual toggle or hydraulic toggle adjustment
- Two heavy-duty flywheels, one grooved for V-belts
- Replaceable swing jaw barrel protector
- Replaceable wear plate behind the swing jaw die & stationary jaw die
- Replaceable toe protectors for swing & stationary sides

SPECIFICATIONS	US	METRIC
Jaw Crusher	50" x 62"	1270mm x 1580mm
RPM	190 rpm	190 rpm
Feed Size	45"	1143mm
Discharge Conveyor	60" x 50'	1542mm x 15.24m
Discharge Conveyor Operating Speed	320 ft/m	98m/m
Feeder	62" x 28'	1575mm x 8.53m
Feeder Operating Speed - Max	840 rpm	840 rpm
Grizzly Length	10' Step	3m Step
<b>POWER</b>		
Jaw Crusher	300/350 hp	224/261kW
Autolube	1 hp	0.75kW
Feeder	100 hp	75kW
Discharge Conveyor	50 hp	37kW
<b>TRANSPORTATION</b>		
Rock Box Structure	172,192 lbs	78,105kg
Rock Box Assembly	208,022 lbs	94,357kg
Jaw Structure	308,817 lbs	140,077kg
Control House Structure	41,415 lbs	18,786kg
Hammer Structure	59,593 lbs	27,031kg
<b>TOTAL WEIGHT</b>	<b>790,039 lbs</b>	<b>358,356kg</b>



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2528

# IMPACT CRUSHERS

Proven to be durable, high performance and cost effective solutions in a variety of applications. Our Impact Crushers are designed specifically for demanding aggregate and recycle operations. Lippmann Impact Crushers are fabricated to provide cost efficient crushing solutions to customers, without losing strength or efficiency. Due to the varying crusher sizes, Lippmann is able to provide a solution to any crushing scenario no matter the size.



# Mobile Impact Crusher

## 4244i-t

Production and efficiency are the hallmarks of the 4244i-t and 4244i-trhd impact crushers. A progressive material flow path from feeder to output material stockpile minimizes problematic material buildup and results in less maintenance and downtime. The heavy duty build allows the crushers to stand up to the toughest conditions and materials while maximizing fuel economy through direct drive.



### STANDARD FEATURES

- 1050mm (41.3") diameter x 1125mm (44.3") wide impactor
- 360hp Volvo D11 T4 Final engine or 350hp CAT C9 Tier 3 engine
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Open chassis design for ease of maintenance
- Fast setup time
- Vibrating feeder under crusher discharge

CRUSHING CHAMBER	US	METRIC
Impact Rotor	41.3" x 44.3"	1050mm x 1125mm
Feed Opening	45.2" x 27.9"	1149mm x 708mm
Crusher Drive	Direct Drive	Direct Drive
Feed Size	24" x 20" x 20"	600mm x 500mm x 500mm lump
CSS Adjustment	Hydraulic rams, shim system	Hydraulic rams, shim system
Speed Sensor	YES	YES

HOPPER	US	METRIC
Hopper Length	14' 0.5"	4280mm
Hopper Width	7' 1.8"	2180mm
Hopper Volume	7.8 yd <sup>3</sup>	6m <sup>3</sup>
Hopper Material	8mm sides + 10mm Hardox Liners	8mm sides + 10mm Hardox liners

FEEDER	US	METRIC
Feeder Width	41.8"	1064mm
Feeder Length	96.9"	2460mm
Adjustable Speed	Yes - via mechanical flow control	Yes - via mechanical flow control
Drive	Hydraulic	Hydraulic

CONVEYOR	US	METRIC
Stockpile Height	13' 7.1"	4142mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

ENGINE	US	METRIC
Engine	Volvo D11 T4F / CAT C9 T3	Volvo D11 T4F / CAT C9 T3
Engine Power	360 hp / 350 hp	268kW / 261kW
Fuel Tank Capacity	157 US gal	595L
Hydraulic Tank Capacity	172 US gal	650L

DIMENSIONS	US	METRIC
Transport Length	51' 4.9"	15.668m
Transport Width	9' 1.5"	2.78m
Transport Height	11' 1.8"	3.40m
Operating Length	48' 11.9"	14.933m

TOTAL WEIGHT	US	METRIC
	92,594 lbs (EST.)	42,000kg (EST.)

# Mobile Impact Crusher

## 4244i-trhd



### 4244i-trhd ADDITIONAL STANDARD FEATURES

All 4244i “Standard Features” apply to the 4244i-trhd, plus

- 3660mm x 1525mm (12' x 5') double deck recirculation screen
- Swing-out radial return conveyor

CRUSHING CHAMBER		METRIC
Impact Rotor	41.3" x 44.3"	1050mm x 1125mm
Feed Opening	45.2" x 27.9"	1149mm x 708mm
Crusher Drive	Direct Drive	Direct Drive
Feed Size	24" x 20" x 20"	600mm x 500mm x 500mm lump
CSS Adjustment	Hydraulic rams, shim system	Hydraulic rams, shim system
Speed Sensor	YES	YES

HOPPER		
Hopper Length	14' 0.5"	4280mm
Hopper Width	7' 1.8"	2180mm
Hopper Volume	7.8 yd <sup>3</sup>	6m <sup>3</sup>
Hopper Material	8mm sides + 10mm Hardox Liners	8mm sides + 10mm Hardox liners

FEEDER		
Feeder Width	41.8"	1064mm
Feeder Length	96.9"	2460mm
Adjustable Speed Drive	YES - via mechanical flow control Hydraulic	YES - via mechanical flow control Hydraulic

CONVEYOR		
Stockpile Height	13' 7.1"	4142mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

SCREENBOX		
Dimensions - Top Deck	12' x 5'	3660mm x 1525mm
Dimensions - Bottom Deck	10' x 5'	3050mm x 1525mm
Screens - Top Deck	5' x 4' side tension - 2 off & 5' x 2' side tension - 2 off	5' x 4' side tension - 2 off & 5' x 2' side tension - 2 off
Screens - Bottom Deck	5' x 4' side tension - 2 off & 5' x 2' side tension - 1 off	5' x 4' side tension - 2 off & 5' x 2' side tension - 1 off
Screen Angle	25 deg	25 deg
Speed Adjustable	YES - Pressure compensated FCV	YES - Pressure compensated FCV

RETURN CONVEYOR		
Belt Width	20' or 26"	500mm or 650mm
Belt Spec	Chevron - 400/3 6+1.5	Chevron - 400/3 6+1.5
Adjustable Speed	YES	YES

ENGINE		
Engine	Volvo D11 T4F / CAT C9 T3	Volvo D11 T4F / CAT C9 T3
Engine Power	360 hp / 350 hp	268kW / 261kW
Fuel Tank Capacity	157 US gal	595L
Hydraulic Tank Capacity	172 US gal	650L

DIMENSIONS		
Transport Length	53' 6.9"	16.330m
Transport Width	10' 8.4" (500 return) 11' 2.2" (650 return)	3.262m (500 return) 3.412m (650 return)
Transport Height	11' 1.8"	3.40m
Operating Length	52' 0.9"	15.872m

<b>TOTAL WEIGHT</b>	117,744 lbs (EST.)	42,000kg (EST.)
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# Mobile Impact Crusher

## 4654i-t

The Lippmann 4654i-t and 4654i-tr heavy duty build set them up perfectly for the toughest conditions and materials. The 4654i combines the productivity of the 1200mm diameter by 1350mm-wide impactor with the versatility of a full screening and recirculating system, maximizing efficiency through a robust screening and crushing configuration.

Both models feature direct drive, an enhanced material flow path, larger double-deck grizzly pre-screen, and an open chassis for ease of access for maintenance and service.



### STANDARD FEATURES

- 1200mm (48") diameter x 1350mm (53") wide impactor
- 510Hp (380kW) Volvo D13 Stage V engine/ 516Hp C13 CAT LRC / 536Hp C13 CAT Stage V
- Tracked
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Open chassis design for ease of maintenance
- Fast setup time
- Vibrating feeder under crusher discharge

CRUSHING CHAMBER	US	METRIC
Impact Rotor	48" x 53"	1200mm x 1350mm
Feed Opening	53.5" x 37"	1360mm x 950mm
Crusher Drive	Direct Drive	Direct Drive
Feed Size	24" x 20" x 20"	600mm x 500mm x 500mm lump
CSS Adjustment	Hydraulic rams, shim system	Hydraulic rams, shim system
Speed Sensor	YES	YES
HOPPER		
Hopper Length	14' 0.5"	4280mm
Hopper Width	8' 1.8"	2487mm
Hopper Volume	8.9 yd <sup>3</sup>	6.8m <sup>3</sup>
Hopper Material	8mm sides + 10m Hardox liners	8mm sides + 10mm Hardox liners
FEEDER		
Feeder Width	45.8"	1164mm
Feeder Length	106.2"	2695mm
Adjustable Speed	YES - via mechanical flow control	YES - via mechanical flow control
Drive	Hydraulic	Hydraulic
CONVEYOR		
Stockpile Height	13' 8.9"	4188mm
Belt Width	55"	1400mm
Angle Adjustable	OPTION	OPTION
Quick Release	YES	YES
ENGINE		
Engine	Volvo D13 T4F or T3	Volvo D13 T4F or T3
Engine Power	510 hp	380kW
Fuel Tank Capacity	228 US gal	864L
Hydraulic Tank Capacity	207 US gal	783L
DIMENSIONS		
Transport Length	52' 0.3"	15.857m
Transport Width	9' 10"	3.00m
Transport Height	11' 9.7"	3.60m
Operating Length	55' 4.5"	16.877m
TOTAL WEIGHT		
	116,624 lbs (EST.)	52,900kg (EST.)



# Mobile Impact Crusher

## 4654i-tr



### STANDARD FEATURES

- 1200mm (48") diameter x 1350mm (53") wide impactor
- 510Hp (380kW) Volvo D13 Stage V engine/ 516Hp C13 CAT LRC / 536Hp C13 CAT Stage V
- Tracked
- Integrated hydraulic folding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Open chassis design for ease of maintenance
- Fast setup time
- Vibrating feeder under crusher discharge

CRUSHING CHAMBER	US	METRIC
Impact Rotor	48" x 53"	1200mm x 1350mm
Feed Opening	53.5" x 37"	1360mm x 950mm
Crusher Drive	Direct Drive	Direct Drive
Feed Size	24" x 20" x 20"	600mm x 500mm x 500mm lump
CSS Adjustment	Hydraulic rams, shim system	Hydraulic rams, shim system
Speed Sensor	YES	YES

HOPPER	US	METRIC
Hopper Length	14' 0.5"	4280mm
Hopper Width	8' 1.8"	2487mm
Hopper Volume	8.9 yd <sup>3</sup>	6.8m <sup>3</sup>
Hopper Material	8mm sides + 10m Hardox liners	8mm sides + 10mm Hardox liners

FEEDER	US	METRIC
Feeder Width	45.8"	1164mm
Feeder Length	106.2"	2695mm
Adjustable Speed Drive	Yes - via mechanical flow control Hydraulic	Yes - via mechanical flow control Hydraulic

CONVEYOR	US	METRIC
Stockpile Height	13' 8.9"	4188mm
Belt Width	55"	1400mm
Angle Adjustable	OPTION	OPTION
Quick Release	YES	YES

SCREENBOX	US	METRIC
Dimensions - Top Deck	14' x 6'	4287mm x 1830mm
Dimensions - Bottom Deck	6' x 4' side tension - 3 off	6' x 4' side tension - 3 off
Screens - Top Deck	6' x 2' side tension - 1 off	6' x 2' side tension - 1 off
Screens - Bottom Deck	6' x 4' side tension - 3 off	6' x 4' side tension - 3 off
Screen Angle	25 deg	25 deg
Speed Adjustable	YES - Pressure compensated FCV	YES - Pressure compensated FCV

RETURN CONVEYOR	US	METRIC
Belt Width	26"	650mm
Belt Spec	Chevron - 500/3 5+1.5 C15	Chevron - 500/3 5+1.5 C15
Adjustable Speed	YES	YES

ENGINE	US	METRIC
Engine	Volvo D13 T4F or T3	Volvo D13 T4F or T3
Engine Power	510 hp	380kW
Fuel Tank Capacity	228 US gal	864L
Hydraulic Tank Capacity	207 US gal	783L

DIMENSIONS	US	METRIC
Transport Length	62' 7.2"	19.079m
Transport Width	12' 3.5"	3.75m
Transport Height	11' 9.7"	3.618m
Operating Length	62' 4.4"	19.009m

TOTAL WEIGHT	US	METRIC
	1.5 deck 143,267 lbs, 2 deck 144,908 lbs	1.5 Deck: 64,990kg, 2 Deck: 65,730kg

# Portable Impact Crusher

## 4800r Closed-Circuit

With six run-on jack legs, this self-contained and closed-circuit plant is ideal for quick recycling runs. An effective rear discharge lets material naturally flow through the impactor, onto a pan feeder, and then into the conveyor belt, while a cross-belt magnet helps eliminate steel and any other potential tramp. And now with an upgraded 6x14' screen, the 4800r plant is ready to reach its true potential on your job site.



### STANDARD FEATURES

- Andreas-type impact crusher design
- Highly cubical product
- High ratio of reduction
- Hammers have four crushing positions to maintain a more consistent gradation and greater top-size control
- No weld build-up required
- One gravity and one spring-loaded curtain
- Inspection door on side of machine
- (6) Run-on jack legs
- NEMA 12-motor control center
- Tire bulkheads

SPECIFICATIONS	US	METRIC
Impactor	42" x 48"	1067mm x 1219mm
Impactor Operating Speed	600/630 rpm (option dependent, rock/asphalt)	600/630 rpm (option dependent, rock/asphalt)
Discharge Conveyor	190" x 40"	4826 x 1219mm
Discharge Conveyor Operating Speed	310 ft/min	1.57m/sec
Feeder Size	192" x 47"	4877mm x 1194mm
Pan Feeder	48" x 72"	1219mm x 1829mm
Screen Size	168" x 72"	4267mm x 1829mm
Number of Decks	2	2
Screen Spread	20 hp	14.9kW
Cross Conveyors	102" x 24"	2591mm x 610mm
Cross Conveyor Operating Speed	230 ft/min	1.17m/sec
Main Conveyor	574" x 48"	14580mm x 1219mm
Main Conveyor Operating Speed	310 ft/min	1.57m/sec
Return Conveyor	420" x 24"	10668mm x 610mm
Return Conveyor Operating Speed	240 ft/min	1.22m/sec
<b>POWER</b>		
Impact Crusher - Direct Drive	250 hp	187kW
Feeder	30 hp	22kW
Discharge Conveyor	20 hp	15kW
Return Conveyor	10 hp	7.5kW
Screen	20 hp	15kW
Pan Feeder	2.5 hp	2kW
Cross Conveyor	5.5 hp	4kW
Main Conveyor	20 hp	15kW
Magnet	3 hp	2kW
Diesel Cat C9.3B	415 hp	310kW
Generator	235 hp	175kW
<b>TRANSPORTATION</b>		
Rear Axle	81,064 lbs	36,770kg
King Pin	46,295 lbs	20,999kg
<b>TOTAL WEIGHT</b>	127,360 lbs (EST.)	57,769kg (EST.)

# Portable Impact Crusher

## 5165i-wp

This plant is specifically designed to process primary feed in the toughest of applications with an extremely high production rate and minimal downtime. With a high reduction ratio, this plant is ideal for aggregate and recycle applications and accepts a front discharge conveyor and a return chute to be paired up with a screen plant to make a closed circuit plant as applications require it. This plant has also been used in a significant number of sand locations with the ability to put a step-deck in the feeder to assist with passing material.



### STANDARD FEATURES

- Andreas-type impact crusher design
- Highly cubical product
- High ratio of reduction
- Hammers have four crushing positions to maintain a more consistent gradation and greater top size control
- No weld build-up required
- One gravity and one spring-loaded curtain with optional third grinding curtain
- Inspection doors on side of the machine.

<b>IMPACT CRUSHING CHAMBER</b>	<b>US</b>	<b>METRIC</b>
Impact Rotor RPM	51" x 65" 573 rpm	1295mm x 1651mm 573 rpm
<b>PAN FEEDER</b>		
Pan Feeder Size	59" x 78"	1499mm x 1981mm
Pan Feeder Operating Speed	1150 rpm	1150 rpm
Feeder Size	62" x 20'	1575mm x 6m
Grizzly Length	4' 0"	1.22m
<b>POWER</b>		
Impactor	400 hp	298kW
Feeder	50 hp	37kW
Discharge Pan (x2)	2.5 hp	1.86kW
<b>DIMENSIONS</b>		
Transport Length	49' 0"	15m
Transport Width	12' 0"	3.66m
Transport Height	14' 10"	4.52m
<b>WEIGHT</b>		
Rear Axle	59,000 lbs	26,762kg
King Pin	50,750 lbs	23,020kg
Feeder Module	54,000 lbs	24,494kg
<b>TOTAL WEIGHT</b>	<b>163,750 lbs (EST.)</b>	<b>74,276kg (EST.)</b>



# Portable Impact Crusher

## 5165i-ws

The 5165i-ws is a secondary impact crushing plant perfectly suited to be paired up with a primary jaw crusher. The screen plant and impactor are perfectly paired to size the material for your required specification. The impactor is heavy-duty enough to handle recycle material and will withstand the tramp metal that might be present from the primary crusher. The top cross conveyor is extended to ensure you can take both products out on the same side of the plant.



### STANDARD FEATURES

- Andreas-type impact crusher design
- Highly cubical product
- High ratio of reduction
- Hammers have four crushing positions to maintain a more consistent gradation and greater top size control
- No weld build-up required
- One gravity and one spring-loaded curtain with optional third grinding curtain
- Inspection door on side of the machine.

IMPACT CRUSHING CHAMBER	US	METRIC
Impact Rotor RPM	51" x 65" 425-577 rpm	1295mm x 1651mm 425-577 rpm

PAN FEEDER	US	METRIC
Pan Feeder Size	48" x 72"	1219mm X 1829mm
Operating Speed	1150 rpm	1150 rpm

CONVEYORS	US	METRIC
Underscreen Conveyor Size	60" x 30'	1524mm x 9m
Underscreen Conveyor Operating Speed	292 f/m	89m/m
Folding Top Cross Conveyor Size	24" x 16' 6"	610mm x 5m
Folding Top Cross Conveyor Operating Speed	300 f/m	91m/m
Bottom Cross Conveyor Size	24" x 10' 1"	610mm x 3m
Bottom Cross Conveyor Operating Speed	300 f/m	91m/m

SCREEN (OPTIONAL)	US	METRIC
Screen Size	6' x 20"	1.83m x 508mm
Operating Speed	745 rpm	745 rpm
Decks	3	3

POWER	US	METRIC
Impactor	300 hp	224kW
Screen	40 hp	30kW
Pan Feeder (x2)	2.5 hp	1.86kW
Top Cross Conveyor	5.5 hp	4.1kW
Bottom Cross Conveyor	5.5 hp	4.1kW
Underscreen Conveyor	15 hp	11kW

DIMENSIONS	US	METRIC
Transport Length	60' 1"	18.31m
Transport Width	11' 11"	3.63m
Transport Height	14' 0"	4.27m

WEIGHT	US	METRIC
Quad with Screen	84,500 lbs	38,329kg
King Pin with Screen	46,250 lbs	20,979kg
<b>TOTAL WEIGHT - WITH SCREEN</b>	<b>130,750 lbs</b>	<b>59,307kg</b>
Quad without Screen	65,500 lbs	29,710kg
King Pin without Screen	44,000 lbs	19,958kg
<b>TOTAL WEIGHT - WITHOUT SCREEN</b>	<b>109,500 lbs</b>	<b>49,668kg</b>









**LIPPMANN**



# **CONE CRUSHERS**

Cone Crushers feature a unique combination of crusher speed, throw, and cavity design. This combination has proved revolutionary in providing higher capacity and superior product quality, and in providing a wider range of application suitability. From limestone to aconite, from ballast production to manufactured sand, and from small portable plants, Cone Crushers provide unbeatable performance in secondary, tertiary, and quaternary applications.

# Portable Cone Crusher

## 300c-wrd

With high productivity of the 44" cone on the 300c-wrd, this wheeled rear discharge plant exceeds your productivity needs in your crushing spread. Featuring fully guarded moving components and controls that are located a safe distance from the moving components, this 300c plant puts safety first.



CRUSHING CHAMBER	US	METRIC
Feed Opening	8.31"	211mm
Crusher Drive	2x Banded V-Belts	2x Banded V-Belts
Min. Opening	0.50"	13mm
Max. Opening	0.75"	19mm
CSS Adjustment	Hydraulic	Hydraulic
Level Sensor	Optional	Optional

CONVEYOR		
Stockpile Height	165"	4191mm
Width	42"	1067mm
Length	40' 6"	12.33m
Angle Adjustable	YES	YES

POWER		
Panel	Wired to terminal box w. opt NEMA-12 motor control center	Wired to terminal box w. opt NEMA-12 motor control center
Voltage	460V   575V	460V   575V
Hydraulic Tank Capacity	20 US gal	76L

DIMENSIONS		
Transport Length	58' 5"	17.81m
Transport Width	11' 5"	3.48m
Transport Height	13' 7"	4.14m
Operation Length	64' 1"	19.53m

<b>TOTAL WEIGHT</b>	98,000 lbs	44,452kg (EST.)
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### STANDARD FEATURES

- Lockable - 8hp electric start Honda powered hydraulic power pack
- Full length wheel fenders
- 4x hydraulic jack legs
- 6x drop down crib legs
- 2x hydraulic front support legs
- Overflow chute & storage for transport

# Portable Cone Crusher

## 300c-wr

The wheeled 300c-wr cone crusher boasts a highly productive 44" cone and unbeatable versatility thanks to the complete closed-circuit screening and recirculating system. The crusher's high material capacity and throughput, along with large stockpile capacity, allow operators to produce a high-quality crushed and screened final product with a single machine.



### STANDARD FEATURES

- Lockable - 8hp electric start Honda powered hydraulic power pack
- Individual wheel fenders
- 4x hydraulic run-on jack legs
- 2x drop down crib legs
- 2x manually lowered front support legs
- Overflow chute
- Storage for cone feed chute for transport
- Metal detecting dump chute, to remove metal objects for cone feed
- Flop gate and lined chute to pull material from mid-deck as specified product

CRUSHING CHAMBER	US	METRIC
Feed Opening	8.31"	211mm
Crusher Drive	2x Banded V-Belts	2x Banded V-Belts
Min. Opening	0.50"	13mm
Max. Opening	0.75"	19mm
CSS Adjustment	Hydraulic	Hydraulic
Level Sensor	YES	YES
<b>HOPPER</b>		
Hopper Length	190"	4826mm
Hopper Width	82"	2083mm
Hopper Volume	370 ft <sup>3</sup>	10m <sup>3</sup>
<b>FEED CONVEYOR</b>		
Width	47"	1194mm
Length	174"	4420mm
Speed	64 f/m	19.5m/m
Drive	Hydraulic - Gearbox Reducer	Hydraulic - Gearbox Reducer
<b>REAR DISCHARGE CONVEYOR</b>		
Stockpile Height	12' 1"	3.68m
Width	48"	1219mm
Length	89"	2261mm
Speed	380 ft/m	116m/m
Angle Adjustable	YES	YES
<b>POWER</b>		
Panel	Wired to terminal box w. opt NEMA-12 motor control center	Wired to terminal box w. opt NEMA-12 motor control center
Voltage	460V   575V	460V   575V
Hydraulic Tank Capacity	84.5 US gal	320L
<b>DIMENSIONS</b>		
Transport Length	79' 1"	24.11m
Transport Width	12' 6"	3.81m
Transport Height	14' 0"	4.27m
Operation Length	78' 8"	24m
<b>TOTAL WEIGHT</b>	138,200 lbs	62.686kg



# Mobile Cone Crusher

## 300c-t

This heavy duty 300c-t tracked cone crusher features an innovative material flow that maximizes capacity and throughput while delivering a consistently high-quality product. The tracks enhance the job site mobility of this crusher, ideal for any spread.



### STANDARD FEATURES

- 510Hp D13 Volvo Penta engine/ 516Hp C13 CAT LRC / 536Hp C13 CAT Stage V
- Tracked
- Integrated hopper with folding rear door
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

CRUSHING CHAMBER	US	METRIC
Feed Opening	41"	1050mm
Crusher Drive	Direct Drive	Direct Drive
Min. Opening	0.5"   4.21"	13mm   107mm
Max. Opening	0.75"   8.31"	19mm   211mm
CSS Adjustment	Hydraulic	Hydraulic
Level Sensor	Ultrasonic	Ultrasonic
Throw	84mm	84mm
<b>HOPPER</b>		
Hopper Length	12' 4.9"	3780mm
Hopper Width	7' 2"	2200mm
Hopper Volume	6.5 yd <sup>3</sup>	5m <sup>3</sup>
<b>FEEDER</b>		
Feeder Opening Width	36"	910mm
Feeder Belt Width	48"	1200mm
Adjustable Speed	YES	YES
Drive	Hydraulic	Hydraulic
<b>CONVEYOR</b>		
Stockpile Height	12' 9"	3887mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
<b>ENGINE</b>		
Engine	VOLVO D13 Tier 5 or Tier 3	VOLVO D13 Tier 5 or Tier 3
Engine Power	510 hp	380kW
Fuel Tank Capacity	290 US gal	1100L
Hydraulic Tank Capacity	211 US gal	800L
<b>DIMENSIONS</b>		
Transport Length	57' 4"	17.5m
Transport Width	10' 4"	3.15m
Transport Height	11' 9.7"	3.6m
Operation Length	51' 3"	15.62m
<b>TOTAL WEIGHT</b>	108,026 lbs (EST.)	49,000kg (EST.)

# Mobile Cone Crusher

## 300c-tr

The ultimate in versatility, the heavy duty 300c-tr tracked cone crusher features an innovative material flow that maximizes capacity and throughput while delivering a consistently high-quality product. The recirculating system creates the finished product with just one crusher. The tracks enhance the job site mobility of this crusher.



### STANDARD FEATURES

- 510Hp D13 Volvo Penta engine/ 516Hp C13 CAT LRC / 536Hp C13 CAT Stage V
- Tracked
- Integrated hopper with folding rear door
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

CRUSHING CHAMBER	US	METRIC
Feed Opening	41"	1050mm
Crusher Drive	Direct Drive	Direct Drive
Min. Opening	0.5"   4.21"	13mm   107mm
Max. Opening	0.75"   8.31"	19mm   211mm
CSS Adjustment	Hydraulic	Hydraulic
Level Sensor	Ultrasonic	Ultrasonic
Throw	84mm	84mm

### HOPPER

Hopper Length	12' 4.9"	3780mm
Hopper Width	7' 2"	2200mm
Hopper Volume	6.5 yd <sup>3</sup>	5m <sup>3</sup>

### FEEDER

Feeder Opening Width	36"	910mm
Feeder Belt Width	48"	1200mm
Adjustable Speed	YES	YES
Drive	Hydraulic	Hydraulic

### CONVEYOR

Stockpile Height	12' 9"	3887mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

### ENGINE

Engine	VOLVO D13 Tier 5 or Tier 3	VOLVO D13 Tier 5 or Tier 3
Engine Power	510 hp	380kW
Fuel Tank Capacity	290 US gal	1100L
Hydraulic Tank Capacity	211 US gal	800L

### RECIRC SYSTEM - SCREENBOX

Dimensions - top deck	14' x 6'	4287mm x 1830mm
Bearing Type	NSK/RHP 22318	NSK/RHP 22318
Screens - top deck	6' x 4' side tension - 3 off 6' x 2' side tension - 1 off	6' x 4' side tension - 3 off 6' x 2' side tension - 1 off
Screens - bottom deck	6' x 4' side tension - 3 off	6' x 4' side tension - 3 off
Tensioning	Quick release pin and wedge	Quick release pin and wedge
Screen Angle	25 deg	25 deg

### DIMENSIONS

Transport Length	67' 9"	20.65m
Transport Width	12' 7"	3.83m
Transport Height	11' 9.7"	3.6m
Operation Length	63' 6.7"	19.37m

<b>TOTAL WEIGHT</b>	130,514 lbs (EST.)	59,200kg (EST.)
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# Portable Cone Crusher

## 400c-w

When mobility and toughness matter, count on the 400c. This portable cone crusher plant was specifically designed to take on the most abrasive and toughest materials in aggregates, mining, and C&D recycling—all with mobile capabilities. An impressive 52" (1321mm) cone crusher lets you directly feed the plant and handle larger, secondary rock it might see from a big primary crusher.



### STANDARD FEATURES

- 400 Hp 1200 RPM (298kW 20Hz)
- Bushing-type cone with superior speed throw and cavity design
- Multiple liner configurations
- 4 axle carrier
- Large walkways for easy access to crusher and auxiliary items
- 42" (1067mm) Rear discharge conveyor

SPECIFICATIONS	US	METRIC
Crusher	400c	400c
Head Diameter	52"	1321mm
Hydraulic Capacity	39.6 gal	150L
Lube Oil Capacity	132 gal	500L
Discharge Conveyor	42" x 38'	1067mm x 12m
Conveyor Discharge Height	11' 8"	3.56m
<b>POWER</b>		
Crusher	400 hp	298kW
Hydraulic Power Unit	10 hp	7.46kW
Lube Unit	10 hp	7.46kW
Air Oil Cooler	7.5 hp	5.59kW
Heaters	5.36 hp	4kW
Rear Discharge Conveyor	20 hp	15kW
<b>TRANSPORTATION</b>		
Axle	73,834 lbs	33,491kg
King Pin	57,295 lbs	25,989kg
<b>TOTAL WEIGHT</b>	131,128 lbs	59,479kg



# Mobile Cone Crusher

## 400c-t

When mobility and toughness matter in the most abrasive environments, count on Lippmann's 400c. This heavy-duty cone crusher lets you feed directly into the plant to handle larger, secondary rock it might see from a big, primary crusher.



### STANDARD FEATURES

- 612Hp D16 Volvo Penta engine
- Tracked
- Integrated hopper with folding rear door
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

CRUSHING CHAMBER	US	METRIC
Feed Opening	44.5"	1130mm
Crusher Drive	Direct Drive	Direct Drive
Min. Opening	0.79"   7.8"	20mm   198mm
Max. Opening	1.18"   11.77"	30mm   299mm
CSS Adjustment	Hydraulic	Hydraulic
Level Sensor	Ultrasonic	Ultrasonic
Throw	95mm	95mm
<b>HOPPER</b>		
Hopper Length	12' 4.9"	3780mm
Hopper Width	7' 2"	2200mm
Hopper Volume	6.5 yd <sup>3</sup>	5m <sup>3</sup>
<b>FEEDER</b>		
Feeder Opening Width	36"	910mm
Feeder Belt Width	48"	1200mm
Adjustable Speed	YES	YES
Drive	Hydraulic	Hydraulic
<b>CONVEYOR</b>		
Stockpile Height	10' 3"	3124mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
<b>ENGINE</b>		
Engine	VOLVO D16 Tier 4 or Tier 3	VOLVO D16 Tier 4 or Tier 3
Engine Power	612 hp	456kW
Fuel Tank Capacity	290 US gal	1100L
Hydraulic Tank Capacity	211 US gal	800L
<b>DIMENSIONS</b>		
Transport Length	55' 0"	16.76m
Transport Width	12' 0"	3.66m
Transport Height	11' 9.7"	3.6m
Operation Length	51' 2.6"	15.61m
<b>TOTAL WEIGHT</b>	123,459 lbs (EST.)	56,000kg (EST.)

# Mobile Cone Crusher

## 500c-w

When mobility and toughness matter, count on Lippmann's largest cone crusher plant: the 500c. This high-production unit was specifically designed to take on the most abrasive and toughest materials in aggregates and mining—all with mobile capabilities. An impressive 60" (1520mm) cone crusher lets you directly feed the plant and handle larger, secondary rock it might see from a big primary crusher for an impressive throughput of 750-800 TPH.



### STANDARD FEATURES

- 500 Hp 1200 RPM (355kW 20Hz)
- Bushing-type cone with superior speed throw and cavity design
- Multiple liner configurations
- 4-axle carrier
- Large walkways for easy access to crusher and auxiliary items
- 54" (1372mm) Rear discharge conveyor

SPECIFICATIONS	US	METRIC
Crusher	500c	500c
Head Diameter	60"	1520mm
Hydraulic Capacity	39.6 gal	150L
Lube Oil Capacity	132 gal	500L
Discharge Conveyor	54" x 32"	1372mm x 813mm
Conveyor Discharge Height	10'	254mm
<b>HORSEPOWER</b>		
Crusher	500 hp	355kW
Hydraulic Power Unit	10 hp	7.46kW
Lube Unit	10 hp	7.46kW
Air Oil Cooler	7.5 hp	5.59kW
Heaters	16 hp	12kW
Rear Discharge Conveyor	25 hp	18.64kW
<b>TRANSPORTATION</b>		
Axle	79,000 lbs	35,834kg
King Pin	48,000 lbs	21,772kg
<b>TOTAL WEIGHT</b>	<b>126,000 lbs</b>	<b>57,153kg</b>













# AT YOUR SERVICE

Lippmann stands apart. Our commitment to your business is the cornerstone of our relationship. From an enhanced warranty to parts availability when and where you need them, Lippmann stands beside you and behind our products.

## Lippmann Support

Even the best equipment in the industry needs care from time to time. Lippmann dealers are trained and equipped to respond to any requirements you may have with genuine OEM parts and service.

## Parts

All Lippmann equipment is backed with genuine spare and wear parts, service and technical support when and where you need it.

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