

CRUSHING PLANT

OVERVIEW



LIPPMANN
ESTABLISHED 1923



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LEGENDARY CRUSHING SYSTEMS

Since 1923, Lippmann has been a trusted partner to the **aggregate, mining,** and **recycling industries,** leading the way with rock-solid reliability and dominating performance on the job site.

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. A natural step in the evolution of Lippmann.

- 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.



W H E E L E D J A W C R U S H E R S

Durable, high-production jaw crushers on stout, easy-to-move truck frames.

Combining standard configurations for various applications, with a willingness to develop custom solutions, gives each customer the kind of flexibility that translates into success in the field. Perfecting our legendary jaw plants, they also feature the rugged Lippmann feeder, capable of handling side or rear loading from various types of equipment and multiple discharge conveyor configuration options.

Wheeled Jaw Crusher

3048j-w

One of the original and most reliable jaws Lippmann has to offer is the 3048j-w 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
 - Non-folding short conveyor
 - Oil-lubricated
 - Two heavy-duty flywheels, one grooved for V-belts
- Key components are manganese steel:
 - Reversible jaw dies and extension
 - Wear plates behind the jaw dies
 - Cheek plates
 - Swing jaw barrel protector
 - Bolt-in toggle bearing

3048j-w SPECIFICATIONS			
	US	METRIC	
Jaw Crushers	30" x 48"	762 x 1219mm	
RPM	230 rpm	230 rpm	
Stroke	3/4"	19mm	
Feed Size	27"	686mm	
Discharge Conveyor	48"	1219mm	
Discharge Conveyor Operating Speed	318 ft/m	97m/m	
Feeder	51" x 20'	1295mm x 6.10m	
Feeder Operating Speed - Max	830 rpm	830 rpm	
Grizzly Length	5'	1.52m	

CLOSED SIDE SETTING (CSS)			
INCHES	MM	STPH	MTPH
3	76	250	227
3.5	88	288	261
4	102	345	313
4.5	114	400	363
5	127	420	381
6	152	500	454
7	178	600	544
8*	203*	720	653

*Manual toggle plate option only. Hydraulic toggle or manual toggle plate available

POWER		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor x2	15 hp	11kW

TRANSPORTATION		
Tires	315/80R22.5	315/80R22.5
Rear Axle	70,500 lbs	31,978kg
King Pin	51,500 lbs	23,360kg
TOTAL	122,000 lbs	55,338kg
Weight of Feeder Module	32,250 lbs	14,628kg
TOTAL WEIGHT	154,250 lbs	69,966kg

Wheeled Jaw Crusher

3055j-w

With an impressive opposing wedge design, the 3055j-w 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.



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

3055j-w SPECIFICATIONS		
	US	METRIC
Jaw Crushers	30" x 55"	762 x 1397mm
RPM	250 rpm	250 rpm
Stroke	3/4"	19mm
Feed Size	27"	686mm
Discharge Conveyor	54"	1372mm
Discharge Conveyor Operating Speed	318 ft/m	237kW
Feeder	55" x 20'	1397mm x 6.10m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	5'	1.52m

CLOSED SIDE SETTING (CSS)			
INCHES	MM	STPH	MTPH
3	76	250	227
3.5	88	288	261
4	102	345	313
4.5	114	400	363
5	127	420	381
6	152	500	454
7	178	600	544
8*	203*	720	653

*Manual toggle plate option only. Hydraulic toggle or manual toggle plate available

POWER		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Opposing Wedge	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor x2	15 hp	11kW

TRANSPORTATION		
Tires	315/80R22.5	315/80R22.5
Rear Axle	71,000 lbs	32,201kg
King Pin	55,750 lbs	25,288kg
TOTAL	126,750 lbs	57,493kg
Weight of Feeder Module	69,250 lbs	31,411kg
TOTAL WEIGHT	166,250 lbs	75,410kg

Wheeled Jaw Crusher

3062j-w

The 3062j-w 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

3062J-W SPECIFICATIONS		
	US	METRIC
Jaw Crushers	30" x 62"	770mm x 1580mm
RPM	220 rpm	220 rpm
Feed Size	27"	686mm
Feeder	62" x 18'	1575mm x 5.5m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	4'	1.22m
HYDRAULIC TOGGLE CLOSED SIDE SETTING (CSS)		
INCHES	STPH	
3	200-243	
3.5	280-309	
4	337-375	
4.5	399-421	
5	420-463	
8	*650-717	
10	*799-882	
*Manual toggle plate option only. 3062 can be set from 3" to 7" (10" with toggle plate).		
POWER		
Jaw Crusher	200 hp	149kW
Autolube	1 hp	0.75kW
Feeder	40 hp	30kW
Discharge Conveyor	N/A	N/A
TRANSPORTATION		
Tires	11R22.5	11R22.5
Rear Axle	70,250 lbs	31,865kg
King Pin	54,250 lbs	24,607kg
TOTAL	124,500 lbs	72,915kg
Weight of Feeder Module	36,250 lbs	16,443kg
TOTAL WEIGHT	160,750 lbs	72,915kg

Wheeled Jaw Crusher

3447j-w

The 3447j-w wheeled jaw plant was 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
- Fast setup time

3447j-w SPECIFICATIONS		
	US	METRIC
Jaw Crushers	34" x 47"	870mm x 1200mm
Feed Size	27.5"	699mm
Discharge Conveyor	54"	1372mm
Side Conveyor	30"	762mm
Pan Feeder	51" x 20'	1295mm x 6m
Bypass Chute Std.	Optional	Optional
Electric Motor (no diesel drive option)	200 hp	149kw
Grizzly Section	5'	1.5m
TRANSPORTATION DIMENSIONS		
Length	60' 10"	18.5m
Width	13' 7"	3.45m
Height	11' 4"	4.14m
TRANSPORTATION WEIGHTS		
Plant Gross (conveyor option B)	130,700	60,000kg
Quad	65,800 lbs	29,846kg
King Pin	64,900 lbs	29,438kg
Hopper (16ft wings with AR liner)	67,500 lbs	30,617kg

Wheeled Jaw Crusher

3650j-w

Take performance and production to new levels with the 3650j-w. 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-w 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 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 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

3650j-w SPECIFICATIONS		
	US	METRIC
Jaw Crushers	36" x 50"	914 x 1270mm
RPM	220 rpm	220 rpm
Feed Size	27"	686mm
Feeder	51" x 24'	1295mm x 7.32m
Feeder Operating Speed	830 ft/m	619kW
Discharge Conveyor Width	54"	1372mm
Discharge Conveyor Operating Speed	318 ft/m	237kW
Grizzly Length	6'	1.83m

CLOSED SIDE SETTING (CSS)			
INCHES	MM	STPH	MTPH
3.5	88	342-375	310-340
4	102	375-468	340-425
4.5	114	421-527	382-478
5	127	468-573	425-520
6	152	573-661	520-600
7	178	573-661	600-680
8*	203*	750-926	680-840
10	254	927-1136	841-1031
12	305	1135-1246	1030-1130
14	356	1177-1316	1068-1194

*Manual toggle plate option only. Hydraulic or manual toggle plate available.

POWER		
Jaw Crusher	250 hp	186kW
Autolube	1 hp	0.75kW
Feeder	60 hp	44kW
Conveyor	25 hp	18kW
Toggle Power Unit (optional)	7.5 hp	5.59kW
Taper Wedge (optional)	1.5 hp	1.12kW

TRANSPORTATION		
Tires	80R22.5	80R22.5
Rear Axle	75,000 lbs	34,019kg
King Pin	73,500 lbs	33,339kg
Tag Axle	20,000 lbs	9,072kg
TOTAL AXLE WEIGHT		
Weight of Feeder and Hopper Module	52,250 lbs	23,700kg
TOTAL WEIGHT (with hopper extensions & upper platform)		
	220,750 lbs	100,131kg

Wheeled Jaw Crusher

3862j-w

The 3862j-w is designed to give you 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

3862j-w SPECIFICATIONS		
	US	METRIC
Jaw Crushers	38" x 62"	970mm x 1580mm
RPM	220 rpm	220 rpm
Feed Size	36"	914mm
Feeder	62" x 24'	1575mm x 7.32m
Operating Speed	315 rpm	315 rpm
Operating Speed Max	830 rpm	830 rpm
Discharge Conveyor	60" x 51'	1524mm x 15.5m
Grizzly Length	8' step	2.4m Step

HYDRAULIC TOGGLE CLOSED SIDE SETTING (CSS)	
INCHES	STPH
3.5	372-424
4	408-468
4.5	459-527
5	510-586
10	*1008-1149
12	*1236-1397
14	*1356-1559

*Manual toggle plate option only. 3862 can be set from 3.5" to 8" (14" with toggle plate).

POWER		
Jaw Crusher	250/300 hp	186/224kW
Autolube	1 hp	0.75kW
Feeder	60 hp	45kW
Discharge Conveyor	50 hp	37kW
Toggle Power Unit (optional)	7	5.22kW
Taper Wedge (optional)	1	0.75kW

TRANSPORTATION		
Tires	315/80r22.5	315/80r22.5
Rear Axle	70,000 lbs	31,751kg
King Pin	35,000 lbs	15,876kg
TOTAL		
Weight of Feeder Module	58,000 lbs	26,308kg
Weight of Jaw	113,100 lbs	51,301kg
Fall Off Load	55,000 lbs	24,948kg
TOTAL WEIGHT		
	322,000 lbs	150,184kg

Wheeled 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 optional 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

- Extra-heavy ribbed steel frame is 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. Tapered roller bearings exhibit a greater load carrying capacity compared to an equal sized spherical roller.
- Reversible manganese steel jaw dies and extensions
- Manganese steel cheek plates
- 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
- Two heavy-duty flywheels, one grooved for V-belts

4248j-w SPECIFICATIONS		
	US	METRIC
Jaw Crushers	42" x 48"	1070mm x 1220mm
RPM	220 rpm	220 rpm
Feed Size	38"	965mm
Discharge Conveyor	54"	1372mm
Operating Speed (loaded)	303 ft/m	92mm
Feeder	56" x 26'	1575mm x 7.92m
Feeder Operating Speed - Max	840 rpm	840 rpm
Grizzly Length	8'	2.4m
CLOSED SIDE SETTING (CSS)		
INCHES	STPH	
4	386-489	
4.5	441-550	
5	489-595	
12	*1069-1178	
14	*1179-1309	
*Manual toggle plate option only. 4248 can be set from 4" to 8" (14" toggle plate only).		
POWER		
Jaw Crusher	250 hp	186kW
Autolube	1 hp	0.75kW
Toggle Power Unit (optional)	7 hp	5.22kW
Taper Wedge (optional)	1 hp	0.75kW
Feeder	75	56kW
Discharge Conveyor	30	22kW
TRANSPORTATION		
Tires	315/80R22.5	315/80R22.5
Rear Axle	66,500 lbs	30,164kg
King Pin	33,500 lbs	15,195kg
TOTAL	100,000 lbs	45,400kg
Weight of Feeder Module	52,000 lbs	23,587kg
Weight of Jaw	136,000 lbs	61,689kg
Fall Off Load	54,000 lbs	24,494kg
TOTAL WEIGHT	342,000 lbs	155,129kg





TRACKED JAW CRUSHERS

Delivering a high production jaw with the mobility of tracks.

At the heart of our tracked plants is the Lippmann jaw chamber. It's a jaw crusher know throughout the industry for its unmatched production and reliability. Combining a stout, torsional resistance chassis design with oversized tracks, Lippmann has created the ideal track-mounted jaw plant. One that provides the high production that is expected from a Lippmann jaw crusher with the ease of movement desired of a track-mounted machine.

Tracked Jaw Crusher

2745j-t

The 2745j-t high-capacity jaw crusher features a true 27" x 45" jaw and a high-capacity hopper. With both level and load sensors the 2745j-t 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 option 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, this crusher offers the field-tested reliability required for the toughest projects around the globe.



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
- Fast setup time
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance

2745j-t SPECIFICATIONS		
	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

HOPPER		
Hopper Length	14' 10"	4530mm
Hopper Width	7' 3.4"	2222mm
Hopper Volume	7.3 yd³	5.6m³

FEEDER		
Feeder Width	41.9"	1064mm
Adjustable Speed	YES	YES
Drive	Hydraulic direct drive	Hydraulic direct drive

CONVEYOR		
Stockpile Height	12' 8.7"	3880mm
Belt Width	42"	1050mm
Angle Adjustable	YES	YES
Quick Release	YES	YES

ENGINE		
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

DIMENSIONS		
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

TOTAL WEIGHT	123,459 lbs	56,000kg
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Tracked Jaw Crusher

2950j-t

Maximum productivity is delivered through the 50" x 29" single toggle jaw with speeds that lead to better reduction and material being processed faster through the crushing chamber. This plant has enhancements to the jaw box including heavier flywheels and optimization for all crushing applications.

With a class-leading throughput, capacity and largest stockpile height in its category, the 2950j-t brings even more power and productivity together in one machine.



STANDARD FEATURES

- 50" x 29" single toggle jaw
- 350Hp C9/C9.3 Cat 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 SPECIFICATIONS		
	US	METRIC
Jaw Crushers	29" x 50"	737mm x 1270mm
RPM	280 rpm	280 rpm
Feed Size	2.5"	63.5mm
Discharge Conveyor	48"	1219mm
Discharge Conveyor Operating Speed	109 rpm	109 rpm
Feeder	50" x 29"	1270mm x 737mm
Feeder Operating Speed	280 rpm	280 rpm
Grizzly Length	56.2"	1427mm

HYDRAULIC OR MANUAL TOGGLE CLOSED SIDE SETTING (CSS)	
INCHES	STPH
2.5	221
3	250
3.5	273
4	305
5	345
6	380

POWER	
Diesel	C93.3
Diesel HP	350 hp
Jaw	116.2 gpm
Grizzly Feeder	16.6 gmp
Side Discharge (optional)	11.5 gpm
Discharge Conveyor	23.1 gpm
Diesel Tank Capacity	221 gal
Hydraulic Tank Capacity	475 gal

TRACK		
Width	19.7"	500mm
Length	12' 6"	3.81m
Height	31.4"	798mm

TRANSPORTATION		
WEIGHT	112,435 lbs	51,000kgs

Tracked Jaw Crusher

1060j-t

Crushing operations looking for mobility and crushing Capacities in excess of 400 TPH in one product turn to the Lippmann 1060j-t, one of the most powerful in the jaw crusher product range. The 1060j-t 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

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

1060j-t SPECIFICATIONS		
	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 yd³	5.8m³
FEEDER		
Feeder Width	41.9"	1064mm
Adjustable Speed	YES - Via Electrical Proportional	YES - Via Electrical Proportional
Drive	Hydraulic	Hydraulic
CONVEYOR		
Stockpile Height	12' 10"	3912mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
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
TOTAL WEIGHT	106,900 lbs	48,500kg

Tracked Jaw Crusher

1200j-t

Get a true edge on the job site with the 1200j-t heavy duty track-mounted jaw crusher. With a 75" (1905mm) deep jaw chamber, this go-to crusher tackles the toughest applications in mining, aggregate, and recycling.

Rely on the 1200j-t for smooth operation and maximum throughput as Lippmann engineers have optimized the material flow and jaw chamber design for high productivity.



STANDARD FEATURES

- Optimized material flow with high TPH
- Large gap between crusher discharge and main conveyor belt
- Wide main and side conveyors
- 48" x 34" jaw opening
- Single toggle jaw accommodates large feed sizes
- Closed side setting adjustment with hydraulic wedges
- Electric power
- Line power connection standard
- Connect to line power or onboard generator
- Simplified troubleshooting
- High performance standard features
- 12" DSE control panel
- High volume fuel tank
- Heavy duty bolt-on tracks

1200j-t SPECIFICATIONS		
	US	METRIC
Feed opening – WXD	48" x 34"	1200 x 964mm
Crusher speed	230 rpm	3.83 Hz
Crusher stroke	1.46"	37mm
Crusher drive	Hydraulic V-belts	Hydraulic V-belts
Minimum opening	2.8"	70mm
Maximum opening	8.3"	212mm
Maximum feed size	27.5"	700mm
Crusher weight – bare	61,730 lbs	28,000kg
CSS adjustment	Hydraulic wedges	Hydraulic wedges
Motor	WEG 220hp 6 Pole	160kW
Starter – includes unblock software	WEG VSD	WEG VSD
CLOSED SIDE SETTING (CSS)		
INCHES	MM	STPH MTPH
2.75	70	195-295 177-240
3.125	79	215-295 195-268
3.5	89	235-330 213-299
4	102	260-360 236-327
5	127	315-435 286-395
6	152	375-515 340-467
7	178	430-595 390-540
POWERUNIT AND ELECTRICS/HYDRAULICS		
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
Generator	WEG GTA31 420Kva	WEG GTA31 420Kva
Hydraulic powerpack pump	Rexroth A10VO100	Rexroth A10VO100
Hydraulic powerpack motor	WEG 74 hp 4 pole, operates up to 121 hp maximum	WEG 55kW 4 pole, operates up to 90kW maximum
Flowrate maximum	40 GPM - 50Hz, 48 GPM - 60Hz	150 LPM - 50Hz, 180 LPM - 60Hz
Hydraulic tank capacity	79.25 gal	300L
TRANSPORTATION		
Transport Length	58' 10.6"	17.96m
Transport Width	10' 2"	3.10m
Transport Height	12' 9.5"	3.90m
TOTAL WEIGHT	164,240 lbs	74,500kg

Tracked Electric Jaw Crusher

1200j-te

Get a true edge on the job site with the 1200j electric heavy duty track-mounted jaw crusher, which strikes the perfect balance of reducing electric power operation costs while increasing reliability. With a 75" (1905mm) deep jaw chamber, this go-to crusher tackles the toughest applications in mining, aggregate, and recycling.



STANDARD FEATURES

- 1200mm (48") wide x 864mm (34") single toggle jaw
- 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 feed boot

- Open chassis design for ease of maintenance
- Fast setup time
- Quick release jaw for transport

1200j-te SPECIFICATIONS

	US	METRIC
HOPPER		
Hopper Length	16' 4.7"	5000mm
Hopper Width	8'	2442mm
Hopper Volume	8.9 yd³	6.8m³
Material	15mm Hardox Side Plates	15mm Hardox Side Plates
Locking System	Hydraulic Side Locking Wedges	Hydraulic Side Locking Wedges
PAN FEEDER		
Feeder Width	45.8"	1164mm
Feeder Length	196.5"	4990mm
Drive	Hydraulic	Hydraulic
Motor	David Brown MCC 2208	58.7 cc/rev
Flow Rate	16.8 US gpm	63.5 Lpm
Adjustable Speed	Yes – via mechanical flow control	Yes – via mechanical flow control
Variable Speed	Yes – via electrical proportional	Yes – via electrical proportional
Maximum Speed	975 rpm	975 rpm
Grizzly Section Opening	Tapered 1.4" – 3"	35-75mmn
Grizzly Section Length	66.5"	1690mm
SHORT PAN FEEDER TO SUIT PRESCREEN		
Feeder Width	45.8"	1164mm
Feeder Length	106.2"	2695mm
Drive	Hydraulic	Hydraulic
Motor	David Brown MCC 2208	58.7 cc/rev
Flow Rate	16.8 US gpm	63.5 Lpm
Adjustable Speed	Yes – via mechanical flow control	Yes – via mechanical flow control
Variable Speed	Yes – via electrical proportional	Yes – via electrical proportional
Maximum Speed	975 rpm	975 rpm
DOUBLE DECK GRIZZLY PRESCREEN		
Prescreen Width (inside wear plates)	47.4"	1204mm
Prescreen Length Overall	7'-8.8"	2360mm
Grizzly Section Opening	1.4"-3"	Tapered 35-37mm
Grizzly Section Length	86.2"	2190mm
Bottom Deck Mesh	79.4" x 63.3"	2017 x 1608mm
Drive	Hydraulic	
Motor	David Brown MCC 2208	58.7 cc/rev
Flow Rate	17.4 US gpm	65.9 Lpm
Adjustable Speed	NO	
Auto Stop/Start System	YES	
Maximum Speed	975 rpm	

CRUSHING CHAMBER		
Feed Opening – W x D	48" x 34"	1200 x 964mm
Crusher Speed	230 rpm	3.83 Hz
Crusher Stroke	37mm	37mm
Crusher Drive	Hydraulic V-belts	
Minimum Opening	2.8"	70mm
Maximum Opening	8.3"	212mm
Maximum Feed Size	27.5"	700mm
Crusher Weight – bare	61.730 lbs.	28,000 kgs.
CSS Adjustment	Hydraulic Wedges	
Motor	WEG 220hp 6 Pole	160kW
Starter – includes unblock software	WEG VSD	
ENGINE		
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 - 1800 rpm	50 - 60Hz
Generator	WEG GTA31 420Kva	WEG GTA31 420Kva
Hydraulic Powerpack Pump	Rexroth A10VO100	Rexroth A10VO100
Hydraulic Powerpack Motor	WEG 74 hp 4 pole, operates up to 121 hp maximum	WEG 55 kw 4 pole, operates up to 90kW maximum
Flowrate Maximum	150-180 Lpm	50 Hz – 60 Hz
Hydraulic Tank Capacity	79.25 gal.	300 L
Hydraulic Oil Cooler	2 : 1	2 : 1
External Plug in Connection	YES	YES
Hammer Hydraulic Connection	YES	YES
Filtered & Pressurized Cabinet	YES	YES
Easy Disconnect for Jaw Motor	YES	YES
CAPACITY		
Diesel Tank	202 US gal	765L
Hydraulic Tank	79.25 US gal	300L
DIMENSIONS AND WEIGHT		
Transport Length	58' 10.6"	17.96m
Transport Width	10' 2"	3.10m
Transport Height	12' 9.5"	3.90m
Weight	154,765 lbs	70,200kg

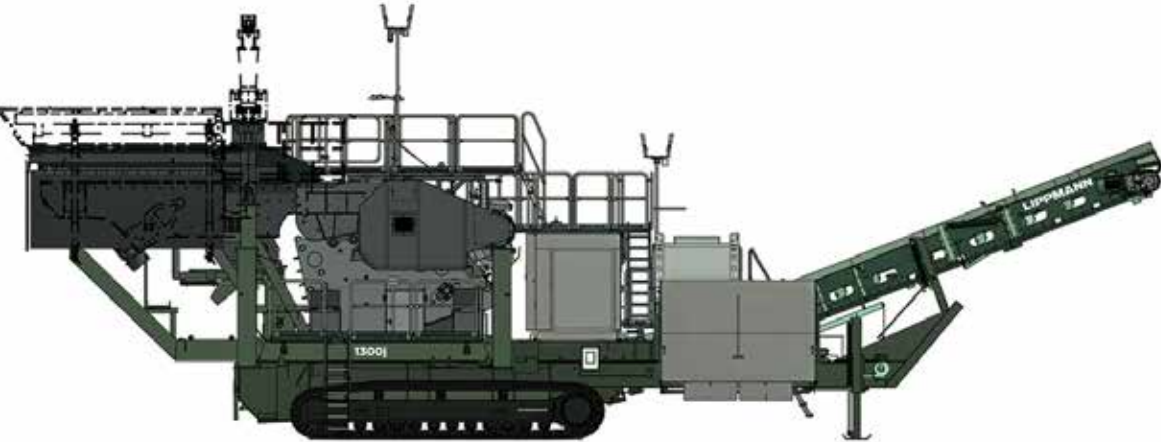
Tracked Jaw Crusher

1300j-te

Utilizing smart design with high operational reliability, the 1300j-te 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

1300j-te SPECIFICATIONS			
	US		METRIC
CRUSHING CHAMBER			
Feed Opening – WXD	51" x 39"		1300 x 1000mm
CSS	4" - 11"		100-280mm
Operating Speed	220 rpm		3.67 Hz
Crusher Stroke	1-5/8"		41mm
Feed Size	32"		800mm
Tons Per Hour	300-915 STPH		270-830 MTPH
CLOSED SIDE SETTING (CSS)			
INCHES	MM	STPH	MTPH
2.75	70	195-295	177-240
3.125	79	215-295	195-268
3.5	89	235-330	213-299
4	102	260-360	236-327
5	127	315-435	286-395
6	152	375-515	340-467
7	178	430-595	390-540
ENGINE			
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 - 1800 rpm		50 - 60Hz
Generator	WEG GTA31 420Kva		WEG GTA31 420Kva
Hydraulic Powerpack Pump	Rexroth A10VO100		Rexroth A10VO100
Hydraulic Powerpack Motor	WEG 74 hp 4 pole, operates up to 121 hp maximum		WEG 55 kw 4 pole, operates up to 90kW maximum
Flowrate Maximum	40 GPM – 50Hz, 48 GPM – 60Hz		150 LPM – 50Hz, 180 LPM – 60Hz
Hydraulic Tank Capacity	79.25 gal.		300L
DISCHARGE CONVEYOR			
Length	59'		18.00m
Width	55'		14.00m
Height	12'0" – 14' 7"		3.60m – 4.45m
Operating Speed	4.2 ft/s		1.3m/s
FEEDER			
Type	JF 1250 with grizzly		JF 1250 with grizzly
Dimensions	16' 5" x 3' 10"		5000mm x 1200mm
TRANSPORTATION			
Length	58' 10.6"		17.96m
Width	10' 2"		3.10m
Height	12' 9.5"		3.90m
TOTAL WEIGHT	164,240 lbs		74,500kg





STATIONARY JAW CRUSHERS

Machines built for demanding production, strength and a lifetime of dependability.

Lippmann's range of large model jaws includes a 5062j, 4248j, and 3650j to suit your particular heavy duty, high volume primary crushing application.

When you compare a Lippmann jaw to others on the market, the difference is clear. Our robust shafts and superior components are engineered for maximum strength and durability, while our heavier frames provide unmatched stability. By integrating these powerful crushers into a stationary rock box structure, Lippmann has perfected the first step in crushing applications.

Stationary Jaw Crusher

Bare Jaw



Our world-renowned jaws lie at the core of Lippmann’s product offering and have been manufactured in Milwaukee, WI, since 1923. Fabricated with extra heavy ribbed steel plate construction, Lippmann jaw crushers have proven time and again they provide maximum strength, durability, and reliability at the lowest cost of ownership in the industry.

Frames are stress-relieved before machining to ensure uniform heavy-duty strength and trouble-free operation on a stout, easy-to-move truck frame. Jaw crushers also feature an oversized shaft, tapered roller bearings, reversible jaw dies, and an oil-bath lubrication system.

JAW CRUSHER DIMENSIONS

	A	B	C	D	E	F*	G*	H¹	J	MOUNTING BOLT DIAMETER	CRUSHER WEIGHT
Inches	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	lbs kg
30 x 48	60 1524	16 413	98 2489	48 1219	30 762	61 1549	84 2134	70 1778	105 2667	2 52	64,200 29,121
30 x 55	54 1372	14 356	97 2451	55 1397	30 762	72 1829	83 2108	37 949	108 2731	2 39	57,500 26,082
30 x 62	60 1524	16 413	110 2794	62 1575	30 762	73 1854	92 2337	64 1613	99 2508	2 52	73,000 33,112
34 x 47	60 1500	15 380	94 2380	47 1194	34 864	76 1928	95 2400	73 1850	107 2700	11/16 18	61,710 27,990
36 x 50	60 1524	16 413	102 2578	50 1270	36 914	63 1600	103 1219	82 2083	119 3023	2 52	92,000 41,730
38 x 62	68 1727	21 533	122 3092	62 1575	38 965	73 1854	103 2616	82 2083	124 3137	2 52	117,250 53,184
39 x 51	63 1600	18 448	105 2644	51 1296	39 991	78 1980	109 2765	88 2220	131 3320	1 25	88,516 40,150
42 x 48	68 1727	21 533	111 2826	48 1219	42 1067	61 1549	114 2896	106 2680	148 3747	2 52	130,000 58,967
50 x 62	87 2210	14 356	123 3124	62 1575	50 1270	77 1956	137 3470	119 3032	3032 4423	3 64	218,000 98,883

*Dimension denotes crusher mounting hole centers.

¹ Dimension is from bottom of mounting surface to top of feed side of crusher frame (Jaw can be mounted flat or tipped, drawing to confirm orientation is recommended).

STANDARD FEATURES

- Heavy-duty, oversized heat treated shafts forged of special alloy to handle overloads and hard material
- Radial thrust tapered roller bearings–the best design for absorbing and withstanding shock, radial, and thrust loads
- Longer jaw length to provide increased crushing area, steeper nip angle and increased capacity
- Curved jaw dies to provide non-choking crushing action, reversible for increased wear
- Rugged frame with heavy-ribbed steel plate construction at stress points, stress relieved by heat treating before machining
- Inside contact surfaces are fully machined
- Lubrication easily checked positive oil-level gauges assure correct lubrication of bearings
- Protected pitman hub with rock rib
- Cheek plates are one-piece or two-piece for easy replacement
- Positive setting adjustment shims provide easy change of discharge opening with aid of hydraulic pumps
- Extension wedges hold jaw dies rigidly across full width
- Dynamically balanced flywheels reduce vibration
- Toggle plate is set at an optimum angle for maximum crushing

JAW CRUSHER CAPACITIES

GAPE X WIDTH Inches mm	HP (Electric Drive Motor)	RPM	HYDRAULIC TOGGLE OR MANUAL TOGGLE PLATE OPTION					MANUAL TOGGLE PLATE OPTION ONLY						
			CLOSED SIDE SETTING (CSS) INCHES [MM]											
			Inches mm	3 77	3.5 89	4 102	4.5 115	5 127	6 153	7 178	8 204	10 254	12 305	14 356
30 x 48 770 x 1220	200	230	STPH MTPH	226-259 205-235	259-303 235-275	303-378 275-343	339-417 308-378	378-454 343-412	455-531 413-482	594-659 539-598	659-755 598-685			
30 x 55 770 x 1400	200	230	STPH MTPH	250-300 227-272	288-345 261-313	345-415 313-377	400-480 363-435	420-500 381-454	500-600 454-544	600-715 544-650	720-860 653-780			
30 x 62 770 x 1580	200	220	STPH MTPH	220-243 200-220	280-309 254-280	337-375 306-340	399-421 362-382	420-463 381-420	491-541 445-491	570-628 517-570	650-717 590-650	799-882 725-800		
36 x 50 920 x 1270	250	220	STPH MTPH		342-375 310-340	375-468 340-425	421-527 382-478	468-573 425-520	573-661 520-600	661-750 600-680	750-926 680-840	927-1136 841-1031	1135-1246 1030-1130	1177-1316 1068-1194
38 x 62 970 x 1580	250 300	210	STPH MTPH		372-424 337-385	408-468 370-425	459-527 416-478	510-586 463-532	624-713 566-647	720-823 653-747	816-936 740-849	1008-1149 914-1042	1236-1397 1121-1267	1356-1559 1230-1414
50 x 62 1270 x 1580	300 350	190	STPH MTPH						600-650 544-590	700-775 635-703	850-915 771-830	980-1088 889-987	1199-1301 1088-1180	1400-1499 1270-1360

Primary Crusher

4248j

This jaw plant is designed for in-pit crushing, high capacity applications and provides unmatched production and reliability in the market.

It features an optional rock 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

- Custom plant design
- Application specific designs to ensure 100% customer satisfaction
- Meets and exceeds expectations for performance and production
- Built for demanding production, strength, and a lifetime of dependability

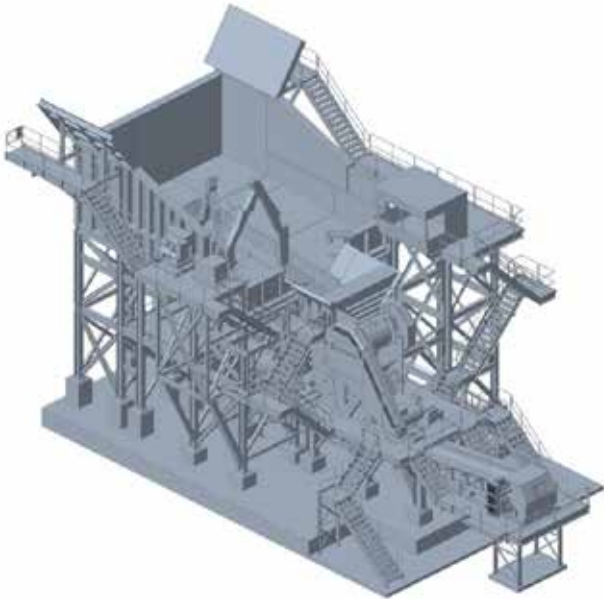
4248j SPECIFICATIONS		
	US	METRIC
Jaw Crushers	42" x 48"	1070mm x 1220mm
RPM	220 rpm	220 rpm
Feed Size	38"	965mm
Discharge Conveyor	54"	1372mm
Operating Speed (loaded)	830 rpm	830 rpm
Feeder	56" x 26"	1575mm x 7.92m
Feeder Operating Speed - Max	830 rpm	830 rpm
Grizzly Length	8'	2.4m
HORSEPOWER		
Jaw Crushers	250 hp	186kW
Autolube	1 hp	0.75kW
Toggle Power Unite (optional)	7 hp	5.22kW
Taper Wedge (optional)	1 hp	0.75kW
Feeder	75 hp	56kW
Discharge Conveyor	30 hp	22kW
TRANSPORTATION		
Tires	315/80R22.5	315/80R22.5
Rear Axle	66,500 lbs	30,164kg
King Pin	33,500 lbs	15,195kg
TOTAL	100,000 lbs	45,400kg
Weight of Feeder Module	52,000 lbs	23,587kg
Weight of Jaw	136,000 lbs	61,689kg
Fall Off Load	54,000 lbs	24,494kg
TOTAL WEIGHT	342,000 lbs	155,129kg

Primary Jaw Crusher

5062j

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 custom primary stations that will fit customer 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.
- Oversized tapered roller bearings in both the pitman and frame.
- Tapered roller bearings exhibit a greater load carrying capacity compared to an equal sized spherical roller used in competitor's machines
- One piece steel pitman
- Heat-treated forged alloy steel eccentric shaft
- Manganese steel cheek plates
- Reversible manganese steel jaw dies
- 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 and stationary jaw die
- Replaceable toe protectors for swing and stationary sides

5062j SPECIFICATIONS		
	US	
Jaw Crushers	50" x 62"	1270mm x 1580mm
RPM	190 rpm	190 rpm
Stroke	3/4"	19mm
Feed Size	45"	1143mm
Discharge Conveyor	60" x 50'	1542mm x 15.24m
Discharge Conveyor Operating Speed	320 rpm	320 rpm
Feeder	62" x 28"	1575mm x 8.53m
Feeder Operating Speed - Max	840 rpm	840 rpm
Grizzly Length	10'	3m
HORSPOWER		
Jaw Crusher	300/350 hp	224/261kW
Autolube	1 hp	0.75kW
Toggle Power Unit (optional)	7 hp	5.22kW
Taper Wedge (optional)	1 hp	0.75kW
Feeder	100 hp	75kW
Discharge Conveyor	50 hp	37kW
WEIGHTS (LBS.)		
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
TOTAL WEIGHT	790,039 lbs	358,356kg



W H E E L E D I M P A C T C R U S H E R S

Lippmann impact crushers stand up to the most demanding operations.

Lippmann's wheel-mounted impactor plants provide a high-production, cost-effective crusher on a rugged truck frame. These portable plants are equipped with heavy-duty Lippmann grizzly feeders sized for optimal throughput. Plants are customized with various discharge methods including conveyor belts of varying length or vibrating pan feeders.

No matter the application, we have the optimum, innovative solution for your specific needs.

Wheeled Impactor Plant

4800r Closed-Circuit

With 6 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 6×14’ screen, the 4800R plant is ready to reach its true potential on your job site.

The 4800R features were engineered using information from our customer base and dealer network, delivering a closed-circuit impactor plant a step above the rest.



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

4800r SPECIFICATIONS

	US	METRIC
CRUSHING CHAMBER, FEEDER AND SCREEN		
Impactor	42" x 48"	1067 x 1219mm
Impactor Operating Speed	600/630 RPM (option dependent, rock/asphalt)	8.67Hz
Feeder Size	192" x 47"	4877 x 1194mm
Pan Feeder	48" x 72"	1219 x 1829mm
Screen Size	168" x 72"	4267 x 1829mm
Number of Decks	2	2
Screen Speed	20HP	14.9kW

CAPACITY

MATERIAL	SETTING		CAPACITY	MAXIMUM FEED SIZE	
	INCHES	MM	TONS	IN	CM
Limestone	1.75	44	170-225	16	41
	2	51	175-230	18	46
	2.5	64	180-240	18	46
	3	76	190-260	18	46
Gravel	1.75	44	170-225	6	15
	2	51	175-230	8	20
	2.5	64	180-240	8	20
	3	76	190-260	8	20
Concrete	1.75	44	170-225	16	41
	2	51	175-230	20	51
	2.5	64	180-240	20	51
	3	76	190-260	20	51
Asphalt	1.75	44	170-225	28	71
	2	51	175-230	28	71
	2.5	64	180-240	28	71
	3	76	190-260	28	71

CONVEYOR

Discharge Conveyor	190" x 40"	4,826 x 1,219mm
Discharge Conveyor Operating Speed	310 ft/min	1.57m/sec
Cross Conveyor Operating Speed	230 ft/min	1.17m/sec
Main Conveyor	574" x 48"	14,580 x 1,219mm
Main Conveyor Operating Speed	310 ft/min	1.57m/sec
Return Conveyor	420" x 24"	10,668 x 610mm
Return Conveyor Operating Speed	240 ft/min	1.22m/sec

POWER

	HP	kW
Impact Crusher – Direct Drive	250	187
Feeder	30	22
Discharge Conveyor	20	15
Return Conveyor	10	7.5
Screen	20	15
Pan Feeder	2.5	2
Cross Conveyor	5.5	4
Main Conveyor	20	15
Magnet	3	2
Diesel Cat C9.3B	415	310
Generator	235	175

TRANSPORTATION

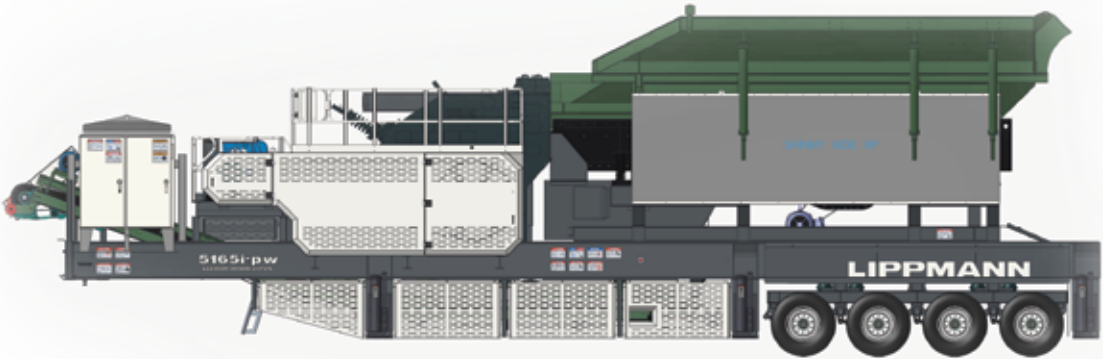
	LBS	KGS
Rear Axle	81,064	36,770
King Pin	46,295	20,999
TOTAL	127,360	57,769

Primary Wheeled Impact Crusher

5165ip-w

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.



STANDARD FEATURES

- Andreas type impact crusher design
- Inspection door on side of the machine.
- 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

5165ip-w SPECIFICATIONS			
	US		
Impactor	51" X 65'	1295mm x 1651mm	
RPM	378-572 rpm	378-572 rpm	
Feed Size	34"	864mm	
Feeder	62" x 24"	1575mm x 610mm	
Feeder Operating Speed	830 rpm	830 rpm	
Grizzly Length	10'	3m	
Impactor Horsepower	400 hp	298kW	
Feeder Horsepower	60 hp	45kW	

CAPACITY			
MATERIAL	SETTING	CAPACITY	MAXIMUM FEED SIZE
	INCHES	TONS	INCHES
Limestone	2	250-330	24
	3	255-340	26
	4	260-350	26
	5	300-380	26
	2	250-330	10
Gravel	3	255-340	12
	4	260-350	12
	5	300-380	12
Concrete	2	250-330	20
	3	255-340	26
	4	260-350	26
Asphalt	5	300-380	26
	2	250-330	30
	3	255-340	34
	4	260-350	34
	5	300-380	34

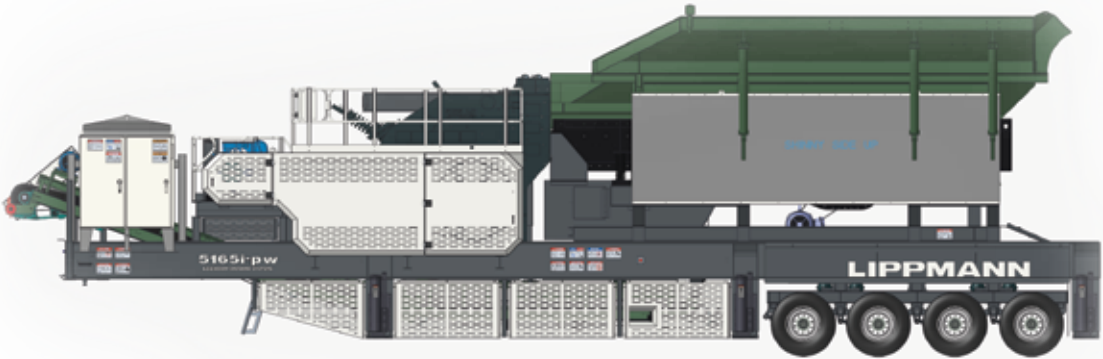
WEIGHTS (LBS.)		
Tires	12R22.5	12R22.5
Hopper Module	52,250 lbs	23,700
Quad	62,250 lbs	26,240kg
King	56,750 lbs	25,740kg
TOTAL	171,250 lbs	77,677kg

Secondary Wheeled Impact Crusher

5165is-w

The 5165is-w 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
- Inspection door on side of the machine
- 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

5165is-w SPECIFICATIONS			
	US		
Impactor	51" x 65'	1295mm x 1651mm	
RPM	425-577 rpm	425-577 rpm	
Pan Feed Size	48" x 72'	1219mm x 1829mm	
Operating Speed	1150 rpm	1150 rpm	
Folding Top Cross Conveyor	24" x 16'-6"	610mm x 5m	
Operating Speed	300 fpm	91m/m	
Bottom Cross Conveyor	24" x 10'-1"	610mm x 3m	
Operating Speed	745 rpm	745 rpm	
Under screen Conveyor	60" x 30'	1524mm x 9m	
Operating Speed	292 fpm	89m/m	
Screen Size	6' x 20"	1.83m x 508mm	
Operating Speed	745 rpm	745 rpm	
Decks	3	3	

HORSEPOWER		
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
Under Screen Conveyor	15 hp	11kW

WEIGHTS (LBS.)				
	WITH SCREEN		WITHOUT SCREEN	
Quad	84,500 lbs	38,329kg	65,500 lbs	29,701kg
King Pin	46,250 lbs	20,979kg	44,000 lbs	19,958kg
TOTAL	130,750 lbs	59,307kg	109,500 lbs	49,668kg

Wheeled Impact Crusher

5860ip-w

Proven to be a durable, high performance and cost effective solution in a variety of applications. This Impact Crusher is designed specifically for demanding aggregate and recycle operations. 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.



STANDARD FEATURES

- Andreas-type impact crusher design
- Inspection door on side of the machine
- 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

5860is-w SPECIFICATIONS		
	US	METRIC
RPM	357-458 rpm	357-458 rpm
Feed Size	42"	1067mm
Feeder	58" x 20'	1473mm x 6m
Feeder Operating Speed	830 rpm	830 rpm
Grizzly Length	4'	1.22m

HORSEPOWER		
Impactor	400-500 hp	298-372kW
Feeder	50 hp	37kW

CAPACITY			
MATERIAL	SETTING	CAPACITY	MAXIMUM FEED SIZE
	INCHES	TONS	INCHES
Limestone	2.5	250-330	30
	3	260-340	30
	4	300-380	37
	5	380-450	37
	6	500-600	37
	2.5	250-330	12
Gravel	3	260-340	12
	4	300-380	16
	5	380-450	16
	6	500-600	16
	2.5	250-330	38
	3	260-340	38
Concrete	4	300-380	40
	5	380-450	40
	6	500-600	40
	2.5	250-330	38
	3	260-340	38
	4	300-380	42
Asphalt	5	380-450	42
	6	500-600	42

TRANSPORTATION		
Tires	315/80R22.5	315/80R22.5
Hopper Module	51,500 lbs	23,360kg
Quad	78,250 lbs	35,493kg
King	53,250 lbs	24,154kg
TOTAL	183,000 lbs	83,007kg





TRACKED IMPACT CRUSHERS

Lippmann impact crushers stand up to the most demanding aggregate, mining, and recycling operations

Lippmann tracked impact crushers are built to excel in the toughest aggregate, mining, and recycling applications. Proven across a wide range of materials such as limestone, dolomite, gravel, basalt, copper reverts, concrete, and asphalt, these crushers maintain exceptional strength and efficiency throughout.

Whether in challenging terrains or critical crushing scenarios, our tracked units deliver consistently high production and value. Equipped with Lippmann grizzly feeders and engineered for optimal throughput, these rugged machines are designed to meet the demands of any job site, providing flexibility and power in a mobile format.

Tracked Impact Crusher

4244i-t

Production and efficiency are the hallmarks of the 4244i-t tracked 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

- 41.3" (1050mm) diameter x 44.3" (1125mm) wide impactor
 - 360Hp Volvo D11 T4 final engine or 350Hp CAT 9 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

4244i-t SPECIFICATIONS

	US	METRIC
DOUBLE DECK GRIZZLY PRE SCREEN		
Pre Screen Width Inside Wear Plates	41.9"	1064mm
Prescreen Length Overall	6' 7.3"	2015mm
Grizzly Section Opening	Tapered 1.6" – 2.8"	40-70mm
Grizzly Section Length	83.2"	2113mm
Bottom Deck Mesh	58.8" x 41.7"	1494mm x 1060mm
Drive	Hydraulic	Hydraulic
Motor	David Brown MCC 2208 58.7cc/rev	David Brown MCC 2208 58.7cc/rev
Flow Rate	22.6 US gpm	85.5Lpm
Adjustable Speed	No	No
Auto Stop Start System	Yes	Yes
Maximum Speed	1050 rpm	1050 rpm
IMPACTOR CHAMBER		
Feed Opening	45.2" x 27.9"	1149mm x 708mm
Impactor Rotor	41.3" x 44.3"	1050mm x 1125mm
Crusher Speed	606-740 rpm	33.3-40.7 m/sec rotor tip speed
Number of Aprons	2	2
Number of Blow Bars	4	4
Full Blow Bar Weight	509 lbs	213kg
Crusher Drive	Direct	Direct
Feed Size	24" x 20" x 20" lump	600mm x 500mm x 500mm
Impactor Weight	22,700 lbs	10,300kg
Rotor Weight	7,295 lbs	3,309kg
Closed Side Setting Adjustment	Hydraulic Rams, Shim System	Hydraulic Rams, Shim System
Speed Sensor	Yes	Yes
Load Sensor	Engine Load Monitoring	Engine Load Monitoring
MAIN CONVEYOR		
Stockpile Height	13' 71"	4142mm
Belt Width	48"	1,200mm
Belt Spec	Plain 500/3 8+2	Plain 500/3 8+2
Drive Drum Diameter	13"	330mm
Tail Drum Diameter	11.3" – Spoked	287mm – Spoked
Motor	OMV800	OMV800
Flow Rate	22.2 US gpm	up to 84 Lpm
Maximum Speed	Up to 105 rpml	Up to 105 rpml
Angle Adjustable	Yes	Yes
Quick Release	Yes	Yes

POWERUNIT AND HYDRAULICS

Engine	Volvo D11 Tier 4 Final / CAT C9 Tier 3	Volvo D11 Tier 4 Final / CAT C9 Tier 3
Engine Power	360 HP / 350 HP	268Kw / 261Kw
Engine Speed	1600-1800 rpm	1600-1800 rpm
Impactor Drive Clutch	PT Tech HPTO14TF1	PT Tech HPTO14TF1
Flywheel Pump 1 (tracks/feeder)	Kawasaki K3VL80	Kawasaki K3VL80
Flywheel Pump 2 (tracks/main conveyor)	Kawasaki K3VL80	Kawasaki K3VL80
LH PTO Pump 3 (prescreen/side conveyor)	Turolla 29/23/07	Turolla 29/23/07
Front PTO Pump 4 (Underpan/pilot)	Turolla 36/07	Turolla 36/07
Total System Flow (Max)	93.4 gpm	353.5 Lpm
Hydraulic Tank Capacity	172 gallons	650 L
Hydraulic Tank Ratio	1.83 : 1	1.83 : 1
Hydraulic Oil Cooler	Yes	Yes

CAPACITIES

Diesel Tank Capacity	157 gallons	595L
Hydraulic Tank Capacity	172 gallons	650L

DIMENSIONS AND WEIGHTS

Length – Transport	51' 4.9"	15.668m
Width – Transport	9' 1.5"	2.78m
Height – Transport	11' 1.8"	3.40m
Weight – Estimated	92,594 lbs Includes Magnet & Dirt Conveyor	42,000 Kgs Includes Magnet & Dirt Conveyor

Tracked Impact Crusher

4244i-trhd

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.



4244i-trhd ADDITIONAL 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
- 3660mm x 1525mm (12’ x 5’) double deck recirculation screen
- Swing-out radial return conveyor

4244i-trhd SPECIFICATIONS		
	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		
Hopper Length	14' 0.5"	4280mm
Hopper Width	7' 1.8"	2180mm
Hopper Volume	7.8 yd³	6m³
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	YES - via mechanical flow control	YES - via mechanical flow control
Drive	Hydraulic	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
TOTAL WEIGHT		
	117,744 lbs (EST.)	42,000kg (EST.)

Tracked Impact Crusher

4654i-t

The Lippmann 4654i-t 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
- Refueling pump

4244i-trhd SPECIFICATIONS		
	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 yd³	6.8m³
Hopper Material	8mm sides + 10mm 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
SCREENBOX		
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		
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		
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	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		
	1.5 deck: 143,267 lbs 2 decks: 144,908 lbs	1.5 deck: 64,990kg 2 decks: 65,730kg



STATIONARY IMPACTORS

Cost-effective and rugged solutions successfully crush a wide range of materials.

Proven in a variety of applications and materials, Lippmann stationary impact crushers stand up to the most demanding aggregate, mining and recycling operations. These rugged impact crushers provide consistent high production at an incredible value. For optimal throughput, impact crushers are engineered for your most critical crushing scenarios.

Stationary Impactor

Bare Impactor

Proven in a variety of applications and materials, Lippmann impact crushers stand up to the most demanding aggregate, mining and recycling operations. Crush a wide range of materials like limestone, dolomite, gravel, basalt, copper reverts, concrete, and asphalt without losing strength or efficiency.

Whether portable, stationary, or skid-mounted, these rugged impact crushers provide consistently high production at an incredible value. For optimal throughput, impact crushers are equipped with Lippmann grizzly feeders and engineered for your most critical crushing scenarios.



IMPACT CRUSHER DIMENSIONS

	A	B	C	D	E	F*	G*	WEIGHT LBS / KG
	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm	Inches mm
4248ip	75 1911	84 2134	90 2286	35 876	7 143	71 1797	50 1257	24,000 10,866
5165is	79 2000	91 2311	99 2515	31 775	7 180	89 2261	67 1689	35,800 16,239
5165ix	88 2229	96 2438	104 2642	40 1003	12 295	91 2299	67 1689	47,000 21,319
5165ip	88 2229	96 2438	104 2642	40 1003	12 295	91 2299	67 1689	49,000 22,226
5860ip	106 2680	111 2819	112 2845	48 1207	9 238	89 2248	62 1562	63,000 28,576

IMPACT CRUSHER CAPACITIES

	HP (Electric Drive Motor)	CAPACITY (STPH/ MTPH)	MAXIMUM FEED SIZE					HYDRAULIC TOGGLE OR MANUAL TOGGLE PLATE OPTION	MANUAL TOGGLE PLATE OPTION ONLY
			Inches mm	LIMESTONE	GRAVEL	ASPHALT	CONCRETE		
4248ip	200	170-260 155-236	STPH MTPH	23 584	12 305	28 711	28 711	2 44	3 or 4
5165is	200	230-365 210-331	STPH MTPH	31 787	16 406	34 864	34 864	2 38	4
5165ix	220	225-425 204-385	STPH MTPH	31 787	16 406	34 864	34 864	2 51	4
5165ip	300-500	250-450 227-408	STPH MTPH	31 787	16 406	34 864	64 864	2 51	4
5860ip	400-450	400-1000 363-907	STPH MTPH	40 1016	18 457	42 1067	40 1016	3 64	4

STANDARD FEATURES

- Andreas-type impact crusher design
- Produces highly cubical product
- High ratio of reduction
- Hammers have four crushing positions to maintain a more constant gradation and greater top-size control
- No weld buildup required on wear surfaces
- Less capital outlay than competitive crushers
- High degree of product size control
- Wear components have long life due to advanced metallurgy
- Maintenance through inspection doors or by hydraulically opened hood (electric/hydraulic power unit is standard)
- Ideal for portable mounting





WHEELED CONE CRUSHERS

Lippmann cone crushers feature a unique combination of crusher speed, throw, and cavity design.

This combination, along with a heavy duty wheeled frame, has proved revolutionary in providing higher capacity and superior product quality, and in providing a wider range of application suitability.

Wheeled Cone Plant Model

300c-w

COMING SOON! With high productivity of the 44” cone on the 300c-w, this wheeled rear discharge cone plant exceeds productivity needs in crushing spreads. Featuring fully guarded moving components and controls that are located a safe distance from the moving components, this 300c-w cone plant puts safety first.



STANDARD FEATURES

- Lockable - 8hp electric start Honda powered hydraulic power pack
- Full length wheel fenders
- 4x hydraulic jack legs
- 6x drop down crib legs
- 2 hydraulic leveling jacks standard, with an option for 4
- Overflow chute & storage for transport

300c-w SPECIFICATIONS		
	US	METRIC
CRUSHING CHAMBER		
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	460V
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
TOTAL WEIGHT	98,000 lbs	44,452kg (EST.)

Closed-Circuit Wheeled Cone Plant

300R

COMING SOON, the NEW 300R wheeled cone plant 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

- 300 hp electric driven cone crusher
- 5' x 20' (1524 x 6100mm) 3-deck incline screen
- 370 ft³ (10m³) hopper/feeder capacity
- Variable speed feeder
- Top two decks feed cone or top deck feeds cone and mid deck to chute on cone feed conveyor side
- Lockable - 8hp electric start Honda powered hydraulic power pack
- Individual wheel fenders
- 2x manually lowered front support legs
- 4x hydraulic run-on jack legs
- 2x drop down crib legs
- Overflow chute
- Storage for cone feed chute for transport
- Patent-pending automatic metal-detecting dump chute removes metal objects for cone feed
- Flop gate and lined chute to pull material from mid-deck as specified product

300R SPECIFICATIONS		
	US	METRIC
CRUSHING CHAMBER		
Max. Feed Opening	9.17"	233mm
Crusher Drive	2x Banded V-Belts	2x Banded V-Belts
Min. Closed-Side Setting	0.50"	13mm
Max. Closed-Side Setting	1.75"	45mm
Closed-Side Setting Adjustment	Hydraulic	Hydraulic
Chamber Level Sensor	YES	YES
HOPPER		
Hopper Length	190"	4826mm
Hopper Width	82"	2083mm
Hopper Volume	370 ft³	10m³
REAR DISCHARGE CONVEYOR		
Stockpile Height	12' 1"	3.68m
Width	48"	1219mm
Length	89"	2261mm
Speed	380 ft/m	116m/m
Angle Adjustment	YES	YES
FEED CONVEYOR		
Width	47"	1194mm
Length	174"	4420mm
Speed	64 f/m	19.5m/m
Drive	Hydraulic – Gearbox Reducer	Hydraulic – Gearbox Reducer
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	84.5 US gal	320L
TOTAL WEIGHT	138,200 lbs	62,686kg

Wheeled Cone Plant Model

400c-w

COMING SOON! 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)
- 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

400c-w 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

POWER		
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

TRANSPORTATION		
	LBS	KGS
AXLE		
With Long Conveyor, Feeder, Hydraulic Panels	73,834	33,491
Short Conveyor	-2,587	-1,173
Manual Panels	-1,844	-836
No Electrical Panel	-956	-434
KING PIN		
With Long Conveyor, Feeder, Hydraulic Panels	57,295	25,989
Short Conveyor	+231	+105
Manual Panels	-573	-260
No Electrical Panel	-294	-133
TOTAL		
With Long Conveyor, Feeder, Hydraulic Panels	131,128	59,479
Short Conveyor	-2,355	-1,068
Manual Panels	-2,416	-1,096
No Electrical Panel	-1,250	-567

Custom Wheeled Cone Plant

500c-w

When mobility and toughness matter, count on Lippmann's largest cone crusher plant: the 500c-w. 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. *Note: The 500c-w is a custom model and your final machine will look and have technical specs unique to your requirement.*



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

300c-w 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

POWER		
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

TRANSPORTATION		
Axle	79,000 lbs	35,834kg
King Pin	48,000 lbs	21,772kg
TOTAL WEIGHT		
	126,000 lbs	57,153kg



TRACKED CONE CRUSHERS

Lippmann heavy duty tracked cone crushers feature an innovative material flow

Lippmann heavy duty tracked cone crushers feature 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.

Tracked Cone Plant

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.

Optional on the 300c-t cone plant is a recirc system, allowing you to increase the productivity of your operation further.



STANDARD FEATURES

- 510Hp D13 Volvo Penta engine/ 516Hp C13 CAT LRC / 536Hp C13 CAT Stage V
- 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
- Tracked

300c-t SPECIFICATIONS		
	US	METRIC
CRUSHING CHAMBER		
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 yd³	5m³
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
DIMENSIONS		
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
TOTAL WEIGHT		
	108,026 lbs (EST.)	49,000kg (EST.)

Tracked Cone Plant

400c-t

When mobility and toughness matter in the most abrasive environments, count on Lippmann's 400c-t. 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
- Large gap between crusher discharge and main conveyor feedboot
- Integrated hopper with folding rear door
- I-beam plate fabricated chassis construction
- Tracked
- Open chassis design for ease of maintenance
- Fast setup time

400c-t SPECIFICATIONS		
	US	METRIC
HOPPER		
Hopper Length	12' 4.9"	3780mm
Hopper Width	7' 2"	2200mm
Hopper Volume	6.5 yd³	5m³
FEEDER		
Feeder Opening Width	36"	910mm
Feeder Belt Width	48"	1200mm
Adjustable Speed	YES	YES
Drive	Hydraulic	Hydraulic
PAN FEEDER		
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
CRUSHER CAVITY SELECTION		
CAVITY	MINIMUM SETTING "A" 1	FEED OPENING "B" 2
Medium	0.79" (20mm)	7.8" (198mm)
Coarse	0.98" (25mm)	9.92" (252mm)
Extra coarse	1.18" (30mm)	11.77" (299mm)
CONVEYOR		
Stockpile Height	10' 3"	3124mm
Belt Width	48"	1200mm
Angle Adjustable	YES	YES
Quick Release	YES	YES
ENGINE		
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
DIMENSIONS		
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
TOTAL WEIGHT		
	123,459 lbs (EST.)	56,000kg (EST.)

Tracked Cone Plant

400c-te

Electric power on Lippmann’s 400c-te tracked cone crusher provides the savings you are looking for in your operations, from a brand that is renowned for its durability. Sitting on a robust frame, the large 44.5" / 1130mm feed opening of the 400c chamber delivers on high productivity.



STANDARD FEATURES

- 700Hp C18 CAT LRC engine or 751Hp C18 CAT Stage V
- Large gap between crusher discharge and main conveyor feedboot
- Tracked mobility
- Open chassis design for ease of maintenance
- Integrated hopper with folding rear door
- Fast setup time
- I-beam plate fabricated chassis construction

400c-te SPECIFICATIONS		
	US	METRIC
FEEDER		
Feeder opening width	36"	910mm
Feeder drum crs.	19' 8.2"	6000mm
Drive	Hydraulic	Hydraulic
Feeder belt width	48"	1200mm
Motor	Danfoss OMSS 125	Danfoss OMSS 125
Gearbox	Bonfig 809 W2 24.2:1	Bonfig 809 W2 24.2:1
Flow rate	33.8 US gpm	128 Lpm
Adjustable speed	Yes	Yes
Maximum speed	42 rpm	42 rpm
CRUSHER CAVITY SELECTION		
CAVITY	MINIMUM SETTING "A" 1	FEED OPENING "B" 2
Medium	0.79" (20mm)	7.8" (198mm)
Coarse	0.98" (25mm)	9.92" (252mm)
Extra coarse	1.18" (30mm)	11.77" (299mm)
MAIN CONVEYOR		
Stockpile Height	10' 3"	3124mm
Belt Width	48"	1200mm
Belt Spec	Plain 500/3 8+2	Plain 500/3 8+2
Drive Drum Dia.	13.7"	350mm
Tail Drum Dia.	10.6"	270mm
Motor	2 x 11Kw Motors	2 x 11Kw Motors
Flow Rate	23.7 US gpm	89.6 Lpm
Maximum Speed	112 rpm	112 rpm
Angle Adjustable	Yes	Yes
Quick Release	Yes	Yes
POWERUNIT AND HYDRAULICS		
Engine	700Hp C18 CAT LRC engine or 751Hp C18 CAT Stage V	700Hp C18 CAT LRC engine or 751Hp C18 CAT Stage V
Engine speed	1500 rpm – 50Hz, 1800 rpm – 60Hz	1500 rpm – 50Hz, 1800 rpm – 60Hz
Generator	WEG 550Kva	WEG 550Kva
Motor (auxiliary/lube/ clamp/track)	55kw WEG Motor, 90kw when tracking	55kw WEG Motor, 90kw when tracking
Pump (auxiliary/lube/ clamp/track)	140cc Rexroth	140cc Rexroth
Total system flow (max)	70.1 US Gpm	266 Lpm
Hydraulic tank capacity	73 US Gals	280 L
DIMENSIONS AND WEIGHTS		
Length – transport all models	55' 0"	16.76m
Width – transport all models	12' 0"	3.66m
Height – transport track	11' 9.7"	3.6m
Weight – track	123,459 lbs (EST.)	56,000 Kgs. (EST.)





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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