

WHEELED IMPACTOR PLANTS

5165i-w & 5165s-w

THE **5165i-w** MODELS  
AGGRESSIVELY CRUSH  
ANY SIZE JOB.



**LIPPMANN**

DESIGNED FOR THE TOUGHEST APPLICATIONS

# 5165ip-w PRIMARY



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.

5165ip-w Primary: 62" x 24' vibrating grizzly feeder constructed of structural steel, with two 5'-long step desk grizzly sections

5165is-w Secondary: 6' x 20' three shaft, three deck horizontal screen



I-beam welded steel truck frame with structural cross members

# PERFECTLY PAIRS TO YOUR PRIMARY **5165is-w SECONDARY**



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.

One gravity and one spring-loaded curtain, optional third grinding curtain

51" x 65" horizontal shaft impactor with 40" x 66" feed inlet opening

Elevated operator's platform with ladder access from main platform

Optional NEMA - 12 motor control center with dust-tight enclosure



Four replaceable blow bars, each with four wear positions for maximum utilization create highly cubical product

5165ip-w Primary: 48" front discharge conveyor with 3-ply belting

5165is-w Secondary: Two stacked cross conveyors for discharge on the same side of the plant, and one rear discharge fines conveyor

## THE LIPPMANN EDGE:

### 5165ip-w PRIMARY



With two adjustable breaker plates for setting adjustment, this impactor is ideal for both primary aggregate and recycle applications.



Introduced in 1999, the 5165ip-w has been specifically designed for primary crushing with the most challenging material.



Choosing the optional dummy bars keeps material moving at optimum speed by allowing the material to drop further in the impactor.

### 5165is-w SECONDARY



Pair the 5165is-w with any Lippmann primary jaw and you have the perfect spread for any challenging material processing environment. It's perfect partner is the 3062j-w jaw plant.



Tough aggregate is no match for the four blow bars. Day in and day out consistent gradation and greater top sized control are reliably delivered.



As a secondary crusher, this heavy duty impactor handles recycled material and will withstand any tramp metal that makes it through the primary crusher.

# 5165ip-w PRIMARY TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Impactor	5165ip
RPM	378-572 rpm
Feed Size	34"
Feeder	62" x 24"
Feeder Operating Speed	830 rpm
Grizzly Length	10'

TRANSPORTATION	
Tires	12R22.5
Hopper Module	52,250 lbs
Quad	62,250 lbs
King	56,750 lbs
Total	171,250 lbs

HORSEPOWER	
Impactor	400 hp
Feeder	60 hp

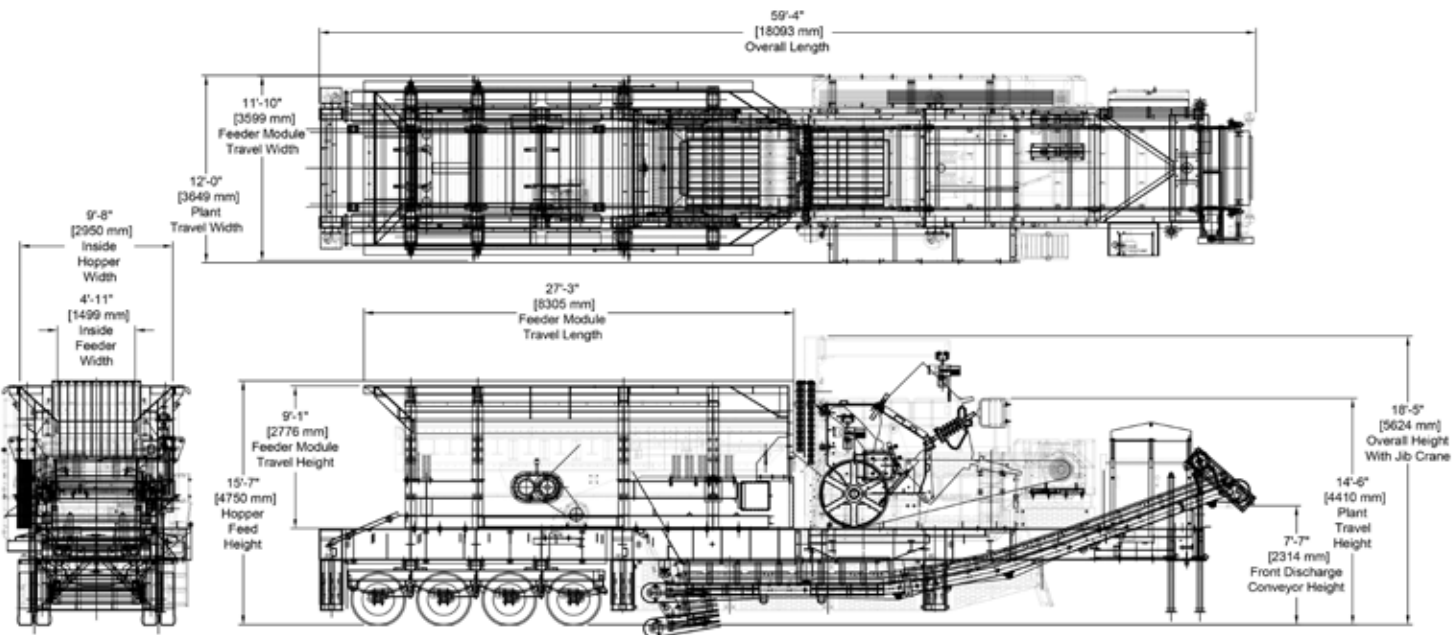
5165ip-w		Setting (secondary apron to hammer tip clearance in inches)				
		2	2.5	3	4	5
(tons)	Capacity	250-330	255-340	260-350	300-380	380-450
Maximum Feed Size (inches)	Limestone	24	24	26	26	26
	Gravel	10	10	12	12	12
	Concrete	20	20	26	26	26
	Asphalt	30	30	34	34	34

## ADDITIONAL OPTIONS

- Hydraulic leveling jacks - (4) 70,000 lb
- Six (6) run-on jack legs
- NEMA 12-motor control center
- Tire bulkheads

## 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 SECONDARY TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Impactor	5165is
RPM	425-577
Pan Feed Size	48" x 72"
Operating Speed	1150 rpm
Underscreen Conveyor	60" x 30'
Operating Speed	292 fpm
Folding Top Cross Conveyor	24" x 16'-6"
Operating Speed	300 fpm
Bottom Cross Conveyor	24" x 10'-1"
Operating Speed	300 fpm
Screen Size	6' x 20"
Operating Speed	745 rpm
Decks	3

HORSEPOWER	
Impactor	300
Screen	40
Pan Feeder	x2 2.5
Top Cross Conveyor	5.5
Bottom Cross Conveyor	5.5
Underscreen Conveyor	15

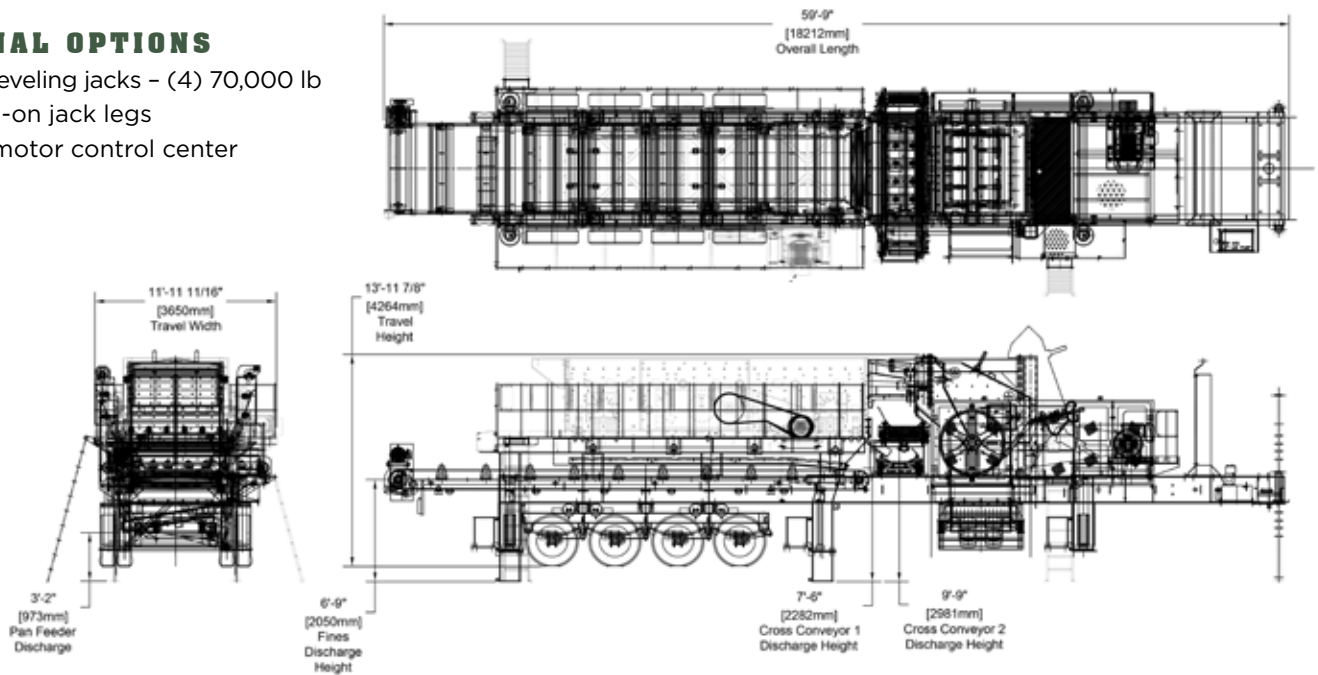
TRANSPORTATION		
Tires		12R22.5
WEIGHTS	WITH SCREEN	WITHOUT SCREEN
Quad	84,500 lbs	65,500 lbs
King Pin	46,250 lbs	44,000 lbs
Total	130,750 lbs	109,500 lbs

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