

**PORTABLE CONE CRUSHER PLANT**

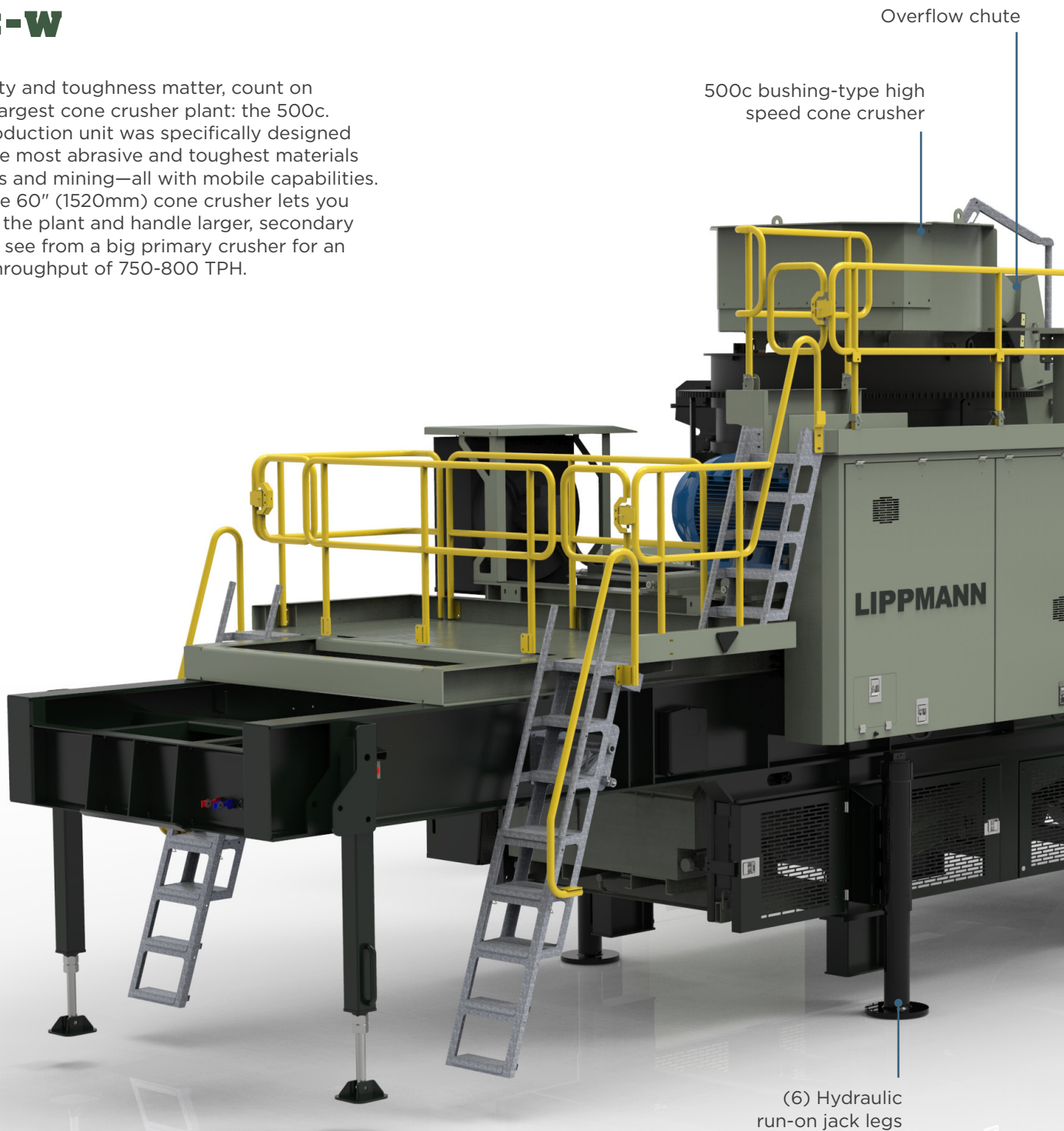
THE **500c** ACCELERATES  
PRODUCTION TO NEW LEVELS.

**LIPPMANN**

# Portable Cone Crusher Plant

## 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.



Overflow chute

500c bushing-type high speed cone crusher

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(6) Hydraulic run-on jack legs

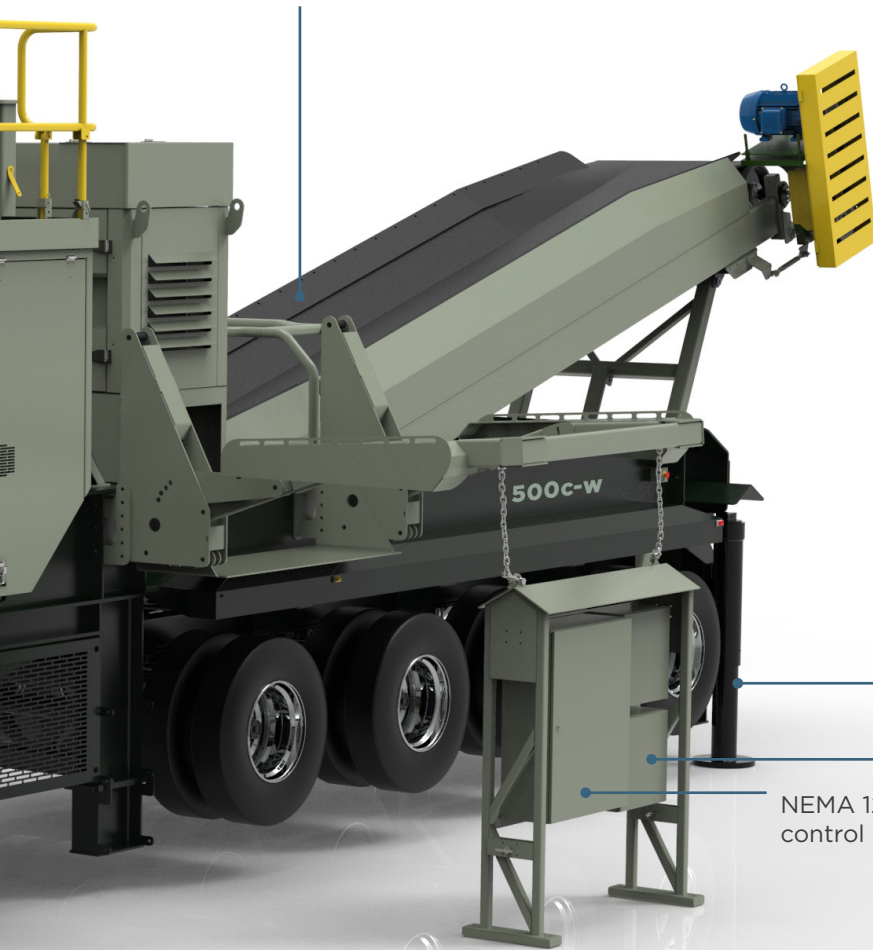
### CONE STANDARD FEATURES

- 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

### ADDITIONAL OPTIONS

- Overflow chute
- NEMA 12-motor control center
- (4) Leveling hydraulic jacks - 70,000 lbs (31,752kgs)
- (6) Run-on jack legs

54" (1372mm) Rear discharge conveyor



Quad-axle hutch spring suspension

NEMA 12-Motor control center

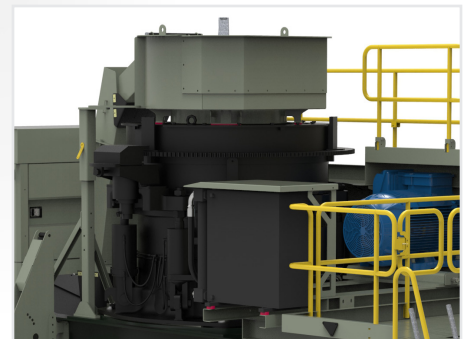
Hydraulically-lifted electrical panel



Hydraulically-removable electric cabinet reduces vibration to components.



Overflow chute prevents spillage, keeping product moving and maintaining a clean site.



Removable feed cone for improved transportability.

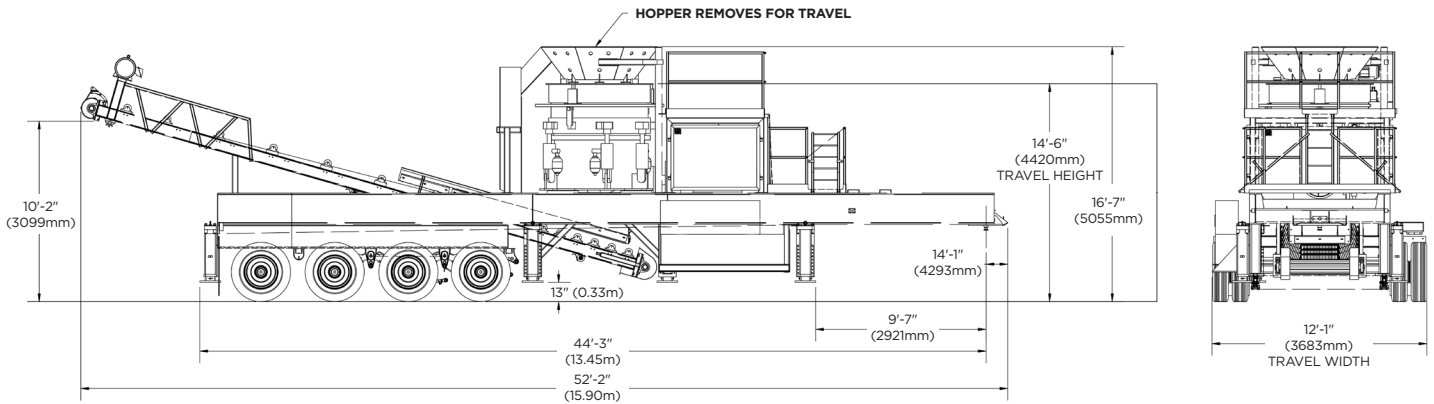
# 500c-w CONE PLANT TECHNICAL SPECIFICATIONS

| TRANSPORTATION         |        |        |          |        |         |        |
|------------------------|--------|--------|----------|--------|---------|--------|
|                        | AXLE   |        | KING PIN |        | TOTAL   |        |
|                        | LBS    | KGS    | LBS      | KGS    | LBS     | KGS    |
| Standard Configuration | 79,000 | 35,834 | 48,000   | 21,772 | 126,000 | 57,153 |

Complete for Transport: Remove/move feed in box, lower feed in box stays, lower feed in box overflow chute, lower top walkway handrails

| 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          |        |  |

| SPECIFICATIONS          | HORSEPOWER |       |
|-------------------------|------------|-------|
|                         | HP         | KW    |
| Crusher                 | 500        | 355   |
| Hydraulic Power Unit    | 10         | 7.46  |
| Lube Unit               | 10         | 7.46  |
| Air Oil Cooler          | 7.5        | 5.59  |
| Heaters                 | 16         | 12    |
| Rear Discharge Conveyor | 25         | 18.64 |



Technical specifications subject to change.

## LIPPMANN

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