

# Self-Contained Compact Crushing Spread



## Self-contained Crushing & Screening Spread

- Easy and safe to operate.
- Fully automated cone.
- Change screens on all three decks in under two hours.
- Easy access maintenance and service.
- Backed by a national network of parts, mechanical services and technical support

- Two chassis to pull
- Smaller footprint than a traditional spread
- Setup and crushing in under two hours

### Chassis #1:

ELRUS Feeder-Screen (36" Feeder, MS612 - 6x12' 3-Deck High-capacity Multi-slope Screen)

### Chassis #2

Sandvik CH430 Cone Crusher, 36" In/Out Conveyors, Control Centre Enclosure with: Tower, Switchgear and 500kW Genset.

## MS612 Feeder-Screen



Adjustable Height Head  
Section On  
Feed Conveyor



Adjustable Height  
Discharge Conveyor



12V Hydraulic Leveling



Hydraulic Screen  
& Sub-frame  
Raise & Lower.



### Highly efficient screening is the secret.

- Primary high angle panel results in rapid fines removal.
- Secondary lower angle panel results in accurate sizing and stratification associated with horizontal screening.



### Simplified maintenance & service

- **15 HP Electric Vibrating Motors**
- No eccentric shaft, bearings, gears, seals, sheaves or guards to service, replace or store
- Adjustable counterweights (Throw)
- 3 ounces of grease per season vs. 200 tubes of grease or 50 gallons of oil.



### Easier & safer screen changes

- Less screen cloth
- Side access holes allow easier access for screen changes and maintenance. No need to enter the screen box.
- End tension
- No clamp bars
- 24 bolts, washers & nuts vs. 120 bolts, washers & nuts.

# CH430 Self-Contained Cone Crusher



## CH430 Advantages

- Hydroset™ system provides safety and setting-adjustment functions
- ASRi™ automatically adapts crusher to feed conditions
- Lifting from above minimizes risks and allows for safer maintenance
- Constant liner performance –CLP



## Sandvik CH430 Hydrocone Crusher

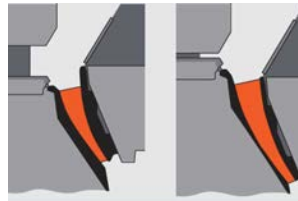
- ASRi computer automated cone control
- 200 hp TEFC motor @ 1800 RPM

## Chassis Features

- ELRUS 3600 Litre / 800 Gallon Fuel Tank
- 36" x 27' Feed Conveyor w/ Tramp Metal Magnet
- 36" x 37' Return Conveyor
- Two Cylinder "Run On" Hydraulic Levelling System
- Chassis Mounted Control Center Enclosure c/w Tower, Electrical Switch -Gear, 500kW Gen Set

## Sandvik Cone - Constant Liner Performance

CLP comes standard on all Sandvik cone crushers. It offers producers:



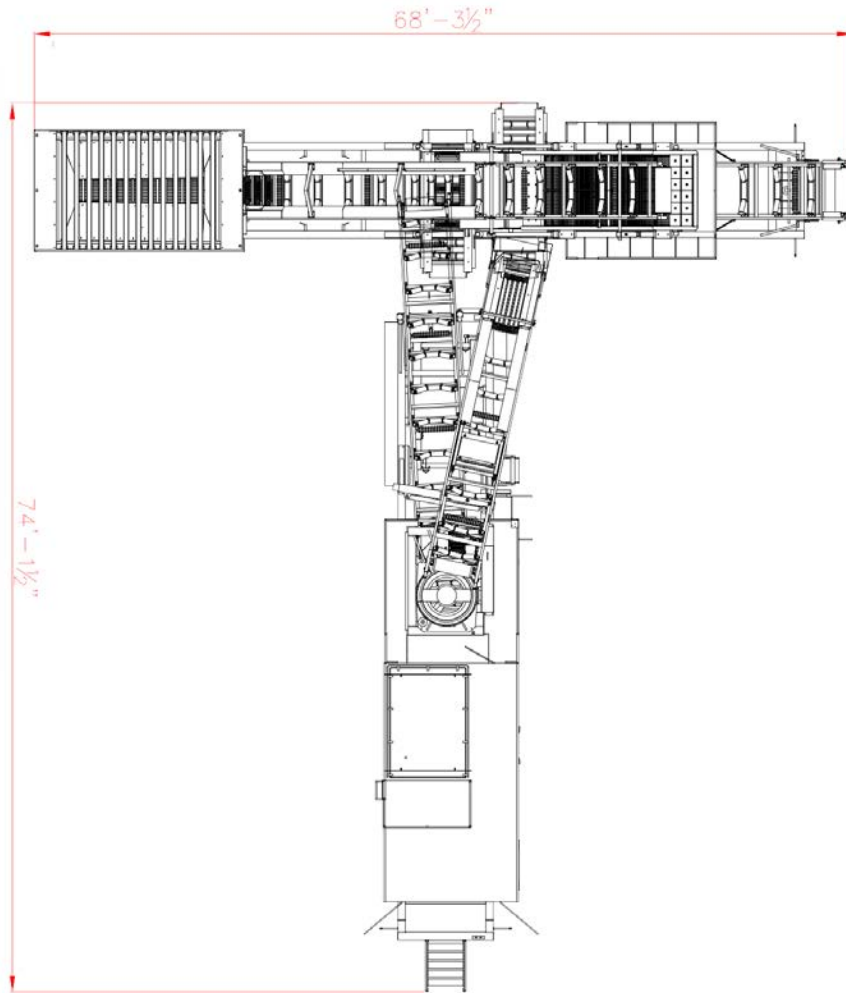
- Constant feed acceptance capability
- Increased output
- High quality products
- Increased liner life
- Lowest total cost

The almost vertical profile of the feed opening area means that the shape of the crushing chamber remains virtually unchanged throughout the wearing life.

## Production Specifications

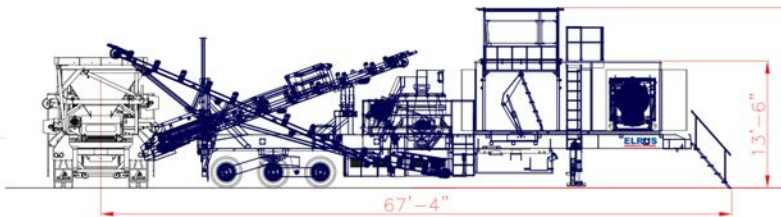
Liner	EC	C	MC	M	MF	F	EF
<b>Maximum Feed</b>	185	145	115	90	75	50	38
<b>CSS (mm)</b>	<b>Metric Tonnes Per Hour</b>						
4	–	–	–	–	–	32–47	–
5	–	–	–	–	–	34–71	38–60
6	–	–	–	–	42–49	35–78	40–89
8	–	–	–	48–56	44–100	37–83	42–95
10	–	60	57–79	50–113	47–106	39–88	45–101
13	66–119	66–140	62–140	55–123	51–115	43–96	49–109
16	71–151	71–151	67–151	59–133	55–124	46–92	52–105
19	76–162	76–162	72–162	63–143	59–126	49–77	56–105
22	81–173	81–173	77–173	68–152	63–114	53–63	60–71
25	86–184	86–184	82–184	72–144	67–92	–	–
29	93–198	93–198	88–160	78–122	–	–	–
32	98–209	98–209	93–145	82–97	–	–	–
36	104–220	104–207	98–116	–	–	–	–
38	109–218	109–150	–	–	–	–	–
<b>Standard Mantles</b>	A/B/FF	A/B/FF	A/B/HC/FF	A/B/HC	A/B/HC	A/B/HC	EF

# Dimensions



## Working Position Dimensions

## Travel Dimensions and Weights



### Self-contained Cone Plant

Axle: 55787 lb (19,472 kg) Pin: 42929 lb (19,472 kg)  
 Length: 65'-7"  
 Height: 13'-10"  
 Width: 12'-4"



### MS612 Feeder Screen Plant

Axle: 51,177 lb (23,213 kg) Pin: 33,605 lb (15,243kg)  
 Length: 69'  
 Height: 14'  
 Width: 12'-5"