

# TESAB



DESIGNING ROBUST &  
RELIABLE EQUIPMENT  
FOR THE MINING,  
RECYCLING &  
QUARRYING  
SECTORS.



# TESAB

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# TESAB



## ABOUT US

Tesab design, build and deliver robust aggregate crushing and screening equipment for the mining, quarrying and recycling industries at its head office in Omagh, N. Ireland.

Since 1992, Tesab's reputation for producing mobile and highly reliable equipment has grown and today their products are found around the globe contributing to the success of projects and customers across multiple applications. Tesab is passionate about providing innovative solutions and delivering unrivaled products and services to customers around the world. As a company that is involved in the handling and processing of the earth's resources, Tesab is committed to protecting the environment.

Tesab is part of Metso - a front runner in sustainable technologies, end to end solutions and services for the aggregates, minerals processing, metals refining and recycling industries globally.



# WHY CHOOSE TESAB?



## QUICK SUPPORT

Constantly reshaping to ensure continuous customer satisfaction.



## ENGINEERING DESIGN EXPERTISE

30 years designing and delivering high performance equipment.



## FIRST CLASS REPUTATION

Tesab have an enduring reputation for its products "being built to last". It has become the cornerstone of the brands identity.



## OUR PEOPLE

We invest in the training and development of our people to ensure that we are equipped with the skills required to meet the needs of our customers and the sectors in which we operate.



## ADDED VALUE

Our mission is to deliver unrivalled customer experience.



## PARTS

We ensure that all equipment sold has critical spares held locally & additional volume held at our head office.



## OUR SKILL

The best expertise and specialized capabilities in design and application.

**CRUSHERS  
SCREENERS  
STACKERS**

# TESAB

ENGINEERED FOR POWER. BUILT TO LAST.



# CRUSHERS







# TESAB

**JAW CRUSHERS**

**IMPACT CRUSHERS**

**CONE CRUSHERS**

**ELECTRIC CRUSHERS**

# JAW CRUSHERS

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## JAW CRUSHERS RANGE

Tesab manufacture a crusher range to suit any operation. Offering jaw crushers to crush primary rock, impact crushers for secondary & tertiary applications and cone crushers to complete the range, Tesab provide customers with a complete solution for the mining, quarrying and recycling sectors.

### 500i

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
400mm (16")	up to 150 TPH	2.75m <sup>3</sup> (3.6 yd <sup>3</sup> )	No	22,650kgs (49,912lbs)

### 600i

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
500mm (20")	up to 225 TPH	5.4m <sup>3</sup> (7.4yd <sup>3</sup> )	No	34,600kgs (76,280lbs)

### 700i

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
700mm (28")	up to 350 TPH	10m <sup>3</sup> (13yd <sup>3</sup> )	Yes	47,420kgs (104,543lbs)

### 800i

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
800mm (32")	up to 450 TPH	10.4m <sup>3</sup> (13.6yd <sup>3</sup> )	Yes	61,500kgs (135,854lbs)

\*Depending on application



# IMPACT CRUSHERS

## IMPACT CRUSHERS RANGE

The Tesab impact crusher range is designed to provide a high quality shaped product at a low cost. Designed for primary, secondary and tertiary applications, with both large and compact impactors as well as recirculation options, Tesab can provide you with a solution for any crushing operation.

### 623CT

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
200mm (8")	up to 150 TPH	6m <sup>3</sup> (7.9yd <sup>3</sup> )	No	No	26,350kgs (58,091lbs)

### 1412T

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
300mm (12")	up to 350 TPH	6m <sup>3</sup> (7.9yd <sup>3</sup> )	No	No	42,700kgs (94,137lbs)

### 1012TS

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
500mm (20")	up to 350 TPH	9.2m <sup>3</sup> (12yd <sup>3</sup> )	Yes	No	45,200kgs (99,649lbs)

### 824T

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
500mm (20")	up to 200 TPH	2.75m <sup>3</sup> (3.6yd <sup>3</sup> )	No	No	23,600kgs (52,029lbs)

### 824TR

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
500mm (20")	up to 200 TPH	2.75m <sup>3</sup> (3.6yd <sup>3</sup> )	No	Yes	26,300kgs (57,982lbs)

### 1125T

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
600mm (24")	up to 350 TPH	5.0m <sup>3</sup> (3.8yd <sup>3</sup> )	No	No	34,800kgs (76,720lbs)

### 1125TR

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
600mm (24")	up to 350 TPH	5.0m <sup>3</sup> (3.8yd <sup>3</sup> )	No	Yes	41,000kgs (90,390lbs)

### 1350T

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
600mm (24")	up to 500 TPH	6.8m <sup>3</sup> (8.9yd <sup>3</sup> )	Yes	No	52,900kgs (116,624 lbs)

### 1350TR

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
600mm (24")	up to 500 TPH	6.8m <sup>3</sup> (8.9yd <sup>3</sup> )	Yes	Yes	65,730kgs (144,908 lbs)

\*Depending on application

# CONE CRUSHERS



## CONE CRUSHERS RANGE

The Tesab cone crusher is the ideal tracked secondary and tertiary crushing solution designed to produce high quality cubical aggregates at rates up to 300TPH.

It is designed for optimum versatility in crushing spreads with easy conversion from the finest to the coarsest cavity, adjustable speed to produce a higher percentage of on-spec product and fewer crushing stages – lowering cost and saving energy.

The Tesab cones have full-level features such as load and material level monitoring, full hydraulic closed side setting (CSS) adjust and a full hydraulic relief system as well as the option of a closed circuit recirculation setup.

### 200TC

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
185mm (7")	up to 250 TPH	5m <sup>3</sup> (6.5yd <sup>3</sup> )	No	No	40,420kgs (89,110lbs)

### 200TCR

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Afterscreen	Weight
185mm (7")	up to 300 TPH	5m <sup>3</sup> (6.5yd <sup>3</sup> )	No	Yes	48,430kgs (106,770lbs)

\*Depending on application

# ELECTRIC CRUSHERS



## HYBRID ELECTRIC JAW CRUSHERS

The Tesab's range of hybrid electric crushers is based on the proven Tesab jaw crusher range, the hybrid electric range is even more fuel efficient & cost effective while still producing the tonnages of its diesel equivalent.

Complete with efficient all electric drive & 3 year warranty on main electric components – the hybrid electric range is up to 33% more fuel efficient while saving up to 70% on running costs when working on mains electric.

The hybrid electric range comes packed with new features including auto unblock & reverse crusher operation, custom panel enclosure with integrated air conditioning & 10" display panel.

### 700ie ⚡

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
700mm (28")	up to 350 TPH	10m <sup>3</sup> (13yd <sup>3</sup> )	Yes	47,420kgs (104,543lbs)

### 800ie ⚡

Max Feed Size	Tonnage*	Hopper Size	Prescreen	Weight
800mm (32")	up to 450 TPH	10.4m <sup>3</sup> (13.6yd <sup>3</sup> )	Yes	63,800kgs (140,650lbs)

\*Depending on application



Removable diesel genset or mains electric power



More fuel efficient = reduced operating costs



Hybrid electric design reduced maintenance



Auto unblock & reverse crusher operation



Environmentally friendly



Can be used across a range of applications

# TESAB

## SCREENERS RANGE

Tesab supply heavy duty, high capacity, versatile screeners built around the industry leading "high energy" screenbox. with the largest screening areas in their class, Tesab range of 2 deck, 3 deck & reclaimer screener are designed to give customers high output and durability in the most demanding conditions.

## 2 DECK & 3 DECK SCREENS

### TS2300

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
3m x 1.4m (10' x 4.6')	up to 250 TPH	2 decks	6.00m <sup>3</sup> (7.85yd <sup>3</sup> ) est.	19,250kgs (42,439lbs)

### TS2430

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
4m x 1.5m (14' x 5')	up to 500 TPH	2 decks	10m <sup>3</sup>	27,200kgs (59,965lbs)

### TS2600

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
6m x 1.5m (20' x 5')	up to 650 TPH	2 decks	10m <sup>3</sup>	36,000kgs (79,366lbs)

### TS3430

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
4m x 1.5m (14' x 5')	up to 500 TPH	3 decks	10m <sup>3</sup>	29,000kgs (63,933lbs)

### TS3600

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
6m x 1.5m (20' x 5')	up to 650 TPH	3 decks	10m <sup>3</sup>	36,500kgs (80,468lbs)

\*Depending on application





# SCREENERS



# SCALPERS

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## SCALPERS / RECLAIMERS

The Tesab Scalper range is specifically designed for the customer, as a more cost-effective machine to cater to those secondary or recycling screening applications.

The heavy duty screens offers superior productivity and its high quality components makes this one of the most dependable machines on the market. Perfect for contractors looking for flexible and highly portable mobile screening.

### TS1230

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
2.75m x 1.2m (9' x 4')	up to 225 TPH	2 decks	4m <sup>3</sup>	15,400kgs (33,950lbs)

### TS1340

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
3.6m x 1.3m (12' x 4.5')	up to 450 TPH	2 decks	6m <sup>3</sup>	25,000kgs (55,115lbs)

### TS1550

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
5m x 1.5m (16' x 5')	up to 550 TPH	2 decks	8m <sup>3</sup>	32,600kgs (71,870lbs)

### TS1860

Screenbox Size	Tonnage*	No. of Decks	Hopper Capacity	Weight
6m x 1.8m (20' x 6')	up to 850 TPH	2 decks	11.5m <sup>3</sup>	39,500kgs (87,083lbs)

\*Depending on application

# STACKERS RANGE

Tesab's stackers range are specially manufactured bulk handling solutions for the mining, shipping and quarrying sectors. With a unique range of products from bulk loaders to 'super-sized' tracked stockpilers, the Tesab stacker range provides a cost effective and practical solution to meet a wide range of customer demands.

## 5040SF

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
15.2m (50')	up to 500 TPH	6.5m (21')	525m <sup>3</sup>	14,500kgs (31,967lbs)

## 6536T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
19.8m (65')	up to 400 TPH	8.26m (27')	970m <sup>3</sup>	11,400kgs (25,133lbs)

## 8042T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 600 TPH	11.3m (37')	2162m <sup>3</sup>	15,800kgs (34,833lbs)

## 8042TSL

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 800 TPH	10m (33')	9222m <sup>3</sup>	19,500kgs (42,990lbs)

## 8048SF

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 800 TPH	10m (33')	1800m <sup>3</sup>	24,500kgs (54,013lbs)

## 8048SFR

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 800 TPH	9.6m (31.5')	9140m <sup>3</sup>	27,500kgs (60,626lbs)

## 8048RF

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 800 TPH	10m (33')	1800m <sup>3</sup>	24,500kgs (54,013lbs)

## 8048RFR

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight
24.5m (80')	up to 800 TPH	9.6m (31.5')	9140m <sup>3</sup>	27,500kgs (60,626lbs)

\*Depending on application



# STACKERS



# AFTER SALES SERVICE

## KEY BENEFITS



Regular updates of replacement parts.



Technical help desks are available globally to help our dealers. Also, direct contacts to service engineers can be established and our experts can help either remotely or on site when needed.



Technical training is conducted at the factory, at the dealer site or completely remote depending on the need.



Parts - we ensure that all equipment sold has critical spares held locally & additional volume held at our head office.



Our dealers all operate with full trained service and application and support teams.

Tesab hold a large stock of genuine replacement parts in our manufacturing facility and have access to many more from our suppliers. With a dedicated and vastly experienced spare parts team, our aim is to always get you up and running as fast as possible.

## WHY USE GENUINE PARTS?


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- Prevent extensive damage to the machine
- Improve machine performance
- Protects the warranty & resale value of the machine
- Readily available parts ensure fast delivery & minimal downtime
- Warranty and dedicated aftersales support for peace of mind
- Manufactured with safety in mind

# TESAB

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