



TESAB

ENGINEERED FOR POWER.
BUILT TO LAST.

TESAB

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



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
WASHING**

TESAB

ENGINEERED FOR POWER. BUILT TO LAST.



CRUSHERS



TESAB



JAW CRUSHERS

IMPACT CRUSHERS

CONE CRUSHERS

ELECTRIC CRUSHERS



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	Feed Opening Size	Weight**
400mm (16")	up to 150 TPH	2.75m ³ (3.6 yd ³)	890mm x 500mm (35" x 20")	22,650kgs (49,912lbs)

600i

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight**
500mm (20")	up to 225 TPH	5.4m ³ (7.4yd ³)	1016mm x 610mm (40" x 24")	34,600kgs (76,280lbs)

700i

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight**
700mm (28")	up to 350 TPH	10m ³ (13yd ³)	1050mm x 700mm (35" x 24")	48,120kgs (106,087 lbs)

800i

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight**
800mm (32")	up to 450 TPH	10.4m ³ (13.6yd ³)	1050mm x 800mm (41" x 31.5")	62,200kgs (137,128 lbs)

*Depending on application

**Machine weight may vary depending on options selected



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.

623T

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Estimated Weight **
200mm (8")	up to 120 TPH	2.5m ³ (3.3yd ³)	600mm x 350mm (23" x 14")	24,000kgs (52,911lbs)

623TR

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Estimated Weight **
200mm (8")	up to 100 TPH	2.5m ³ (3.3yd ³)	600mm x 350mm (23" x 14")	28,000kgs (61,729lbs)

1412T

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
300mm (12")	up to 350 TPH	6m ³ (7.9yd ³)	1000mm x 625mm (39" x 24")	42,700kgs (94,137lbs)

1012TS

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
500mm (20")	up to 350 TPH	9.2m ³ (12yd ³)	1020mm x 780mm (40" x 30")	44,120kgs (97,268 lbs)

824T

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
500mm (20")	up to 200 TPH	2.75m ³ (3.6yd ³)	860mm x 650mm (34" x 25.6")	23,600kgs (52,029lbs)

824TR

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
500mm (20")	up to 200 TPH	2.75m ³ (3.6yd ³)	860mm x 650mm (34" x 25.6")	26,300kgs (57,982lbs)

1125T

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
600mm (24")	up to 350 TPH	5.0m ³ (3.8yd ³)	1250mm x 800mm (45.3" x 31.5")	34,800kgs (76,720lbs)

1125TR

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
600mm (24")	up to 350 TPH	5.0m ³ (3.8yd ³)	1250mm x 800mm (45.3" x 31.5")	41,000kgs (90,390lbs)

*Depending on application

**Machine weight may vary depending on options selected

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 250TPH.

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	Feed Opening Size	Weight **
185mm (7")	up to 250 TPH	5m ³ (6.5yd ³)	1050mm x 800mm (48" x 36")	44,470kgs (98,040 lbs)

200TCR

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
185mm (7")	up to 250 TPH	5m ³ (6.5yd ³)	1050mm x 800mm (48" x 36")	51,350kgs (113,210 lbs)

*Depending on application

**Machine weight may vary depending on options selected



ELECTRIC CRUSHERS

TESAB



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	Feed Opening Size	Weight **
700mm (28")	up to 350 TPH	10m ³ (13yd ³)	1050mm x 800mm (41" x 32")	47,420kgs (104,543lbs)

800ie ⚡

Max Feed Size	Tonnage*	Hopper Size	Feed Opening Size	Weight **
800mm (32")	up to 450 TPH	10.4m ³ (13.6yd ³)	1050mm x 800mm (41" x 32")	63,800kgs (140,650lbs)

*Depending on application

**Machine weight may vary depending on options selected



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

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 ³ (7.85yd ³) 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 ³ (13.07yd ³)	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 ³ (13.07yd ³)	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 ³ (13.07yd ³)	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 ³ (13.07yd ³)	36,500kgs (80,468lbs)

*Depending on application

**Machine weight may vary depending on options selected



SCALPERS

TESAB

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 ³ (5.2yd ³)	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 ³ (7.8yd ³)	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 ³ (10.4yd ³)	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 ³ (15.04yd ³)	39,500kgs (87,083lbs)

*Depending on application

**Machine weight may vary depending on options selected

WS5032

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
15.2m (50')	up to 400 TPH	6.40m (21')	475m ³ (622yd ³)	4,500kgs (10,000lbs)

6040T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
19.8m (65')	up to 450 TPH	8.43m (27' 8")	1100m ³ (1400yd ³)	10,500kgs (23,149lbs)

6536T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
19.8m (65')	up to 450 TPH	8.26m (27')	970m ³ (1269yd ³)	11,400kgs (25,133lbs)

8040T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
24.5m (80')	up to 500 TPH	8.89m (29' 2")	1100m ³ (1400yd ³)	12,700kgs (27,999lbs)

8042T *radial option available

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
24.5m (80')	up to 600 TPH	11.3m (37')	970m ³ (1269yd ³)	15,800kgs (34,833lbs)

10040T

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
30.48m (100')	up to 800 TPH	12.4m (40' 7")	3490m ³ (4565yd ³)	16,000kgs (35,000lbs)

8048SF *radial option available

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
24.5m (80')	up to 800 TPH	10m (33')	1800m ³ (2355yd ³)	24,500kgs (54,013lbs)

8048RF *radial option available

Conveyor Length	Tonnage*	Stockpile Height	Stockpile Capacity	Weight **
24.5m (80')	up to 800 TPH	10m (33')	1800m ³ (2355yd ³)	24,500kgs (54,013lbs)

*Depending on application

**Machine weight may vary depending on options selected

STACKERS



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.

WASHING



WASHING RANGE

Tesab provide a wide range of sand and aggregate washing, scrubbing, de-watering, classifying and separation equipment. The washing of sand and aggregates is required for many markets and applications providing producers the ability to remove excess water, reject deleterious material, and separate particles by size.

COARSE MATERIAL WASHER BUCKETWHEEL SANDSCREEN RINSER

WASHING RANGE

BUCKETWHEEL

Highly efficient Bucket Wheel range of Sand Classification System. Designed to operate with maximum versatility for efficient dewatering and fine sand recovery. The twin bucket units provide the removal of clays, silts and slimes to produce up to 2 grades of sand.



BW10	Length	Width	Height
	15.2m (50')	3.1m (10' - 17")	3.66m (12')

BW15	Length	Width	Height
	6.2m (20' - 34")	4.4m (14' - 44")	3.25m (10.66ft)

RINSER



The Mobile Rinser range is an extremely adaptable, high capacity Mobile Washing Unit. Available as a tracked or wheeled unit, the rinser range comes complete with up to 3 side conveyors and split catch box for up to 4 grades of aggregates and 2 grades of sand.

TS3600	Length	Width	Height
	16.52m (54' - 2")	3.24m (10' - 8")	3.45m (11' - 4")

TS3430	Length	Width	Height
	18.2m (59' - 8")	3.24m (10' - 8")	3.45m (11' - 4")

TS2600	Length	Width	Height
	18.45m (60' - 6")	2.9m (9' - 6")	3.4m (11' - 2")

TS2430	Length	Width	Height
	16.52m (54' - 2")	2.9m (9' - 6")	3.4m (11' - 2")

COARSE MATERIAL WASHER

The Coarse Material Washer is fully compatible with the Tesab product range allowing it to integrate seamlessly into any wet processing plant.



3618S	Length	Width	Height
	6.6m (21' - 8")	1.8m (5' - 11")	3.1m (10' - 2")

SANDSCREW

Tesab Sand Screw range 3625S|T and 4432S|T screw washer may be among the simplest machines to maintain in an aggregate plant. The Tesab Sand Screw offers a low cost solution to sand/ fines recovery after rinsing and passing through a washing screen.



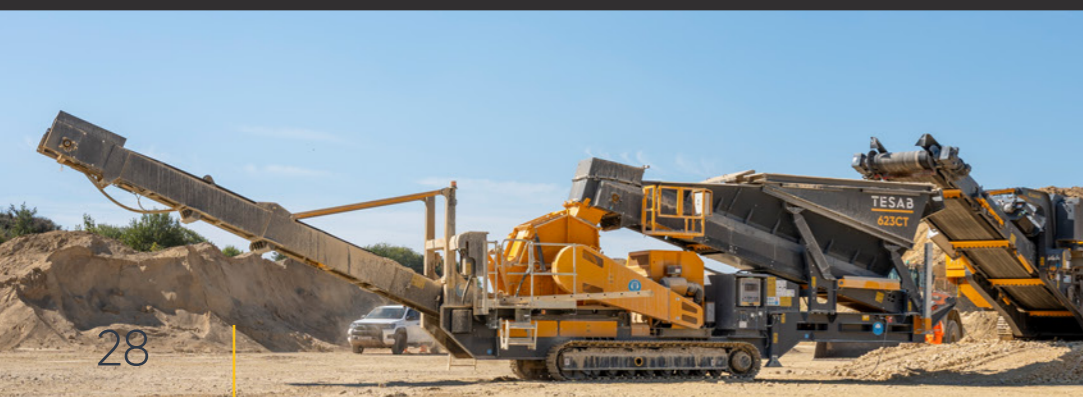
3625S	Length	Width	Height
	8.6m (28')	2.6m (8')	3.9m (13')

3625T	Length	Width	Height
	8.5m (28')	3.6m (12')	3.9m (13')

4432S	Length	Width	Height
	10.5m (35')	3.6m (12')	4.8m (15')

4432T	Length	Width	Height
	10.5m (35')	4.9m (16')	4.9m (16')

*Depending on application



AFTER SALES SERVICE

KEY BENEFITS



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.



Regular updates of replacement parts.



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

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?

- 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

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DISCOVER MORE

