

YOUR CRUSHING & SCREENING SOLUTION



TUTT BRYANT
EQUIPMENT SALES





CONTENTS

3 The Partnership
Tutt Bryant and Metso's Partnership

4 Field Service, Warranty & Hire
Tutt Bryant's core offerings and
servicessupportforMetsoEquipment

6 Lokotrack Jaw Crushers
Metso range of Lokotrack Jaw
Crushers

7 Lokotrack Cone Crushers
Metso range of Lokotrack Cone
Crushers

8 Lokotrack Impact Crushers
Metso range of Lokotrack Impact
Crushers

9 Metso Screens & Scalpers
Metso range of Screens & Scalpers

10 Crushing & Screening
Tehcnology
The world leading technology
assisting customers in reaching their
goals



Australia's exclusive distributor of Metso mobile equipment

TBE is the largest multi franchised equipment distributor in Australia with over 75 years of experience supplying a quality range of equipment and services to mining, quarrying, construction, recycling and other industries throughout Australia. TBE provides national coverage with service centres and equipment distribution in various locations.

Operating as exclusive national distributors of Metso mobile crushing and screening equipment, TBE offers an extensive range of crushers, screens, spare parts and after-market services.

Machines on hand include the Lokotrack range of medium to large size jaw, cone and impact crushers, and two/three deck mobile screens. Several new Metso models recently released include the LT120 (1200 x 870mm) jaw crusher and the new "game changing" LT220D & LT330D cone crushers.

Metso Equipment

Metso are the world's most prominent manufacturer of mobile crushing equipment, with the name Lokotrack synonymous with quality and performance. From the very first mobile crusher developed over thirty years ago to the latest models, Lokotrack has been the brand of choice for the world's best contractors and producers.

Metso Minerals was formed in 2001 with the merger of Nordberg and Svedala. Apart from the mining and crushing division which manufacture the TBE Lokotrack models, Metso have significant interests in energy, automation, recycling, pulp and paper throughout the world.



FIELD SERVICE CAPABILITY AND TRAINING

With Tutt Bryant Equipment, you should feel confident in entrusting your service and repair work to our experienced and factory trained technicians. Our technicians are familiar with all aspects of servicing.

We service a wide variety of products in addition to those distributed by Tutt Bryant Equipment. A key attribute of our trained technicians is their ability to quickly solve problems and pre-empt faults ensuring your equipment is working at its optimum, for both the short and long term. If you are unable to deliver your machine to one of our service branches, we can carry out repairs on site with our fully equipped service units.

Tutt Bryant Equipment's "commitment to service" is the operating slogan our Service Department works with on a daily basis. We are committed to providing our clients with quality service which translates into increased productivity and longevity of your equipment.

We offer a comprehensive range of services including fixed price scheduled servicing, onsite maintenance and comprehensive oil analysis. At Tutt Bryant there's never a job too big or too small that we can't handle.

EXTENDED WARRANTY OPTIONS AVAILABLE

Due to the high quality of Metso Lokotrack crushing and screening equipment, Tutt Bryant Equipment are able to provide extended warranty terms for all of our equipment. In another demonstration of the confidence in Metso equipment, Tutt Bryant Equipment is able to extend the industry standard 2000hr/One year to 4000hr/Two year or even 10,000hr/Five Year terms. Please see our Account Managers for more details.



QUOTATIONS AND FIXED PRICE SERVICES

Our fixed price service initiatives help you to forecast and program maintenance costs over a predetermined period.

Fixed Price Service Program:

- Tutt Bryant Equipment in collaboration with equipment manufacturers can provide a thorough scheduled servicing program that can be tailored to suit your machine and your working environment.
- This program is designed to minimise downtime and reduce the risk of a premature mechanical failure.
- A detailed checklist of work performed is provided for your records. A copy of all service records pertaining to your machine are kept by our Service Department for future reference.

Fixed Price Benefits:

- Set price for each level of service.
- Quality filters and premium grade lubricants are supplied for every service.
- Comprehensive inspection & testing of major components including, Hydraulics, Electrics and Structures.
- Oil Analysis (including laboratory reports provided)
- Utilisation of Factory endorsed testing equipment that is continually calibrated for accuracy.

EQUIPMENT RENTAL

Tutt Bryant Equipment is able to provide our full range of Metso Lokotracks for periods of hire to qualified customers. Our Account Managers would be pleased to assist you with equipment selection and availability. Tutt Bryant Equipment also offer a rebate schedule should you decide to purchase the machine you have on rental.



Metso Lokotrack LT120

METSO JAW CRUSHERS

LOKOTRACK JAW CRUSHERS

The Metso Lokotrack jaw crushers are based around the Nordberg C series which combine 25 years of manufacturing mobile crushers with the latest materials and technology. The pinned and bolted structure of the crusher ensures high durability. High inertia flywheels combined with hydraulic drive, large feed opening and Cat engines give you unmatched crushing performance. All of this is controlled by the Metso IC system which optimises production and monitors machine functions and critical parameters. Good access platforms make operation and servicing safe.

Standard inclusions for Tutt Bryant Equipment specification jaw crushers include belt protection plates, side conveyors, magnets, radio remote control, and interlock cables. Other options are also available to tailor units to customer requirements. Metso jaw crushers can be used as stand alone primary crushers or as part of a multi stage operation.

Model	Type	Feed Opening or Feed Size mm	Weight tonne	Nominal Production t/hr	Feed Hopper m ³	Power kW
LT96	JAW	930/580	31.2	350	4/6	168
LT106	JAW	1,060 / 700	37.3 / 42	400	6	224
LT120	JAW	1,200 / 870	57 / 63	540	6 / 9	310
LT130E	JAW	1300/1000	100	800	11/23	403



Metso Lokotrack LT220D

METSO CONE CRUSHERS

Metso cone crushers are available in either HP or GP configuration with either belt or grizzly feeder options depending on customer requirements. The crushers are designed to operate in either secondary or tertiary applications. The Nordberg HP or GP crushers offer a variety of cavity profiles to suit site conditions in order to achieve high capacity, high quality products at the lowest cost. Like all Metso mobile crushers the frame uses FEM (finite element) design technology combined with latest materials and manufacturing techniques to ensure maximum durability and availability.

Metso have recently released the new 'D' series LT220D and LT330D cone crushers which combine the production of the GP and HP cone with fully matched triple deck screens in a unique compact easy to setup crushing and screening configuration. These new products give you maximum production and quality at the lowest possible cost.

They really are "the game changers."

Model	Type	Feed Opening or Feed Size mm	Weight tonne	Nominal Production t/hr	Feed Hopper m ³	Power kW
LT200HP	CONE	180	40	250	5	310
LT220D (GP)	CONE	210	48	350	5	310
LT300GP	CONE	320	42	550	5	403
LT330D	CONE	230	67	500	7	403
LT300HP	CONE	240	43	550	5	403



Metso Lokotrack LT1213S

METSO IMPACT CRUSHERS

LOKOTRACK IMPACT CRUSHERS

The Metso horizontal shaft impactor (HSI) crushers are based around the powerful and durable Metso NP series impact crushers. The direct drive to the crusher is the most efficient in the industry. Large feed opening, high quality blow bars, Cat engine, revised hydraulic system and IC control combine to give highest production with low operating costs and fuel consumption. When operated with a screen the Metso impact crushers can be run in open or closed circuit to optimise production. Metso impact crushers achieve high reduction ratios and can be used as primary or secondary crushers in rock or recycling applications.

The Metso vertical shaft impactor (VSI) is THE choice in final stage crushing for the creation of high quality cubical aggregates, road base and manufactured sand. Utilising the B series Barmac VSI the rotor accelerates material into the crushing chamber at speeds ranging from 45 – 70 m/s. The crusher is run by direct hydraulic drive allowing tip speed to be fully adjustable.

Model	Type	Feed Opening or Feed Size mm	Weight tonne	Nominal Production t/hr	Feed Hopper m ³	Power kW
LT1110	IMPACTOR	1040/650	36	300	5/8	242
LT1213S	IMPACTOR	1,320 / 800	55	400	6 / 9	310
LT1315	IMPACTOR	1540/930	60	900	8	403
LT7150	VSI	66	30	250	5	310



Metso ST4.8 Screen

METSO SCREENS & SCALPERS

Metso have moved their design and manufacture of scalpers and screens to the factory located in Tampere, Finland. Using latest design and manufacturing processes the Metso scalpers and screens provide high production with high quality products at low operating costs. There is a range of two and three deck scalpers and screens that can be operated as stand alone or in multi stage open or closed circuit configurations. With easy access to service locations and side platforms the Metso range of scalpers and screens meet all the latest European health and safety standards.

All models feature easy deck change and offer a variety of screening media to suit all applications. The new engine package and revised hydraulic system ensure low fuel consumption with high production.

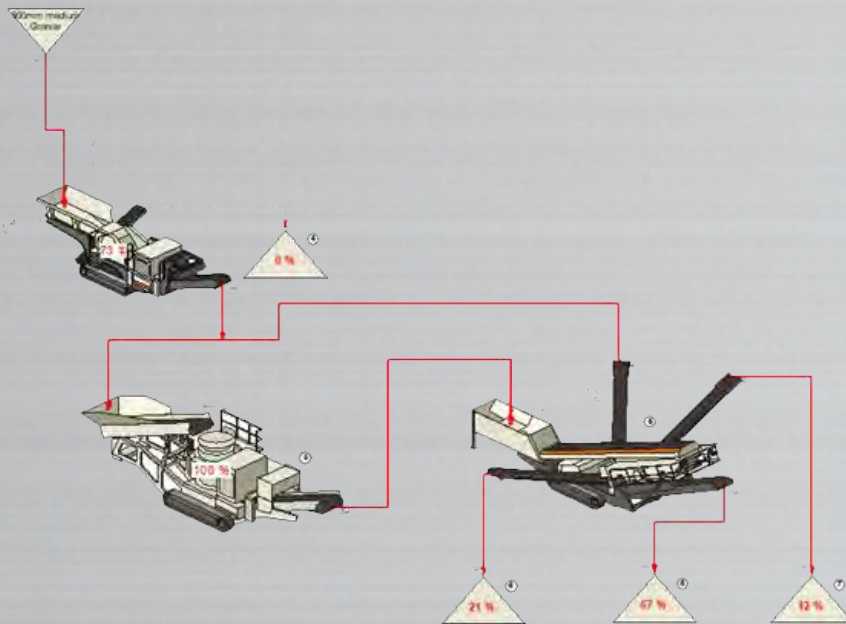
Model	Type	Deck Size mm	Weight tonne	Feed Hopper m ³	Power kW
ST2.4	2 DECK	3640/1460	23	4.5	75
ST2.8	2 DECK	4870/1520 & 4600/1520	26	4.6	75
ST3.5	2 DECK	3,580 / 1,500	23	5.5	75
ST3.8	2 DECK	5480/1520	28	7.5	106
ST4.8	3 DECK	5,480 / 1,520	34	7.5	106
ST620	3 DECK	6000/1800	30.5	5.0	130

CRUSHING & SCREENING TECHNOLOGY

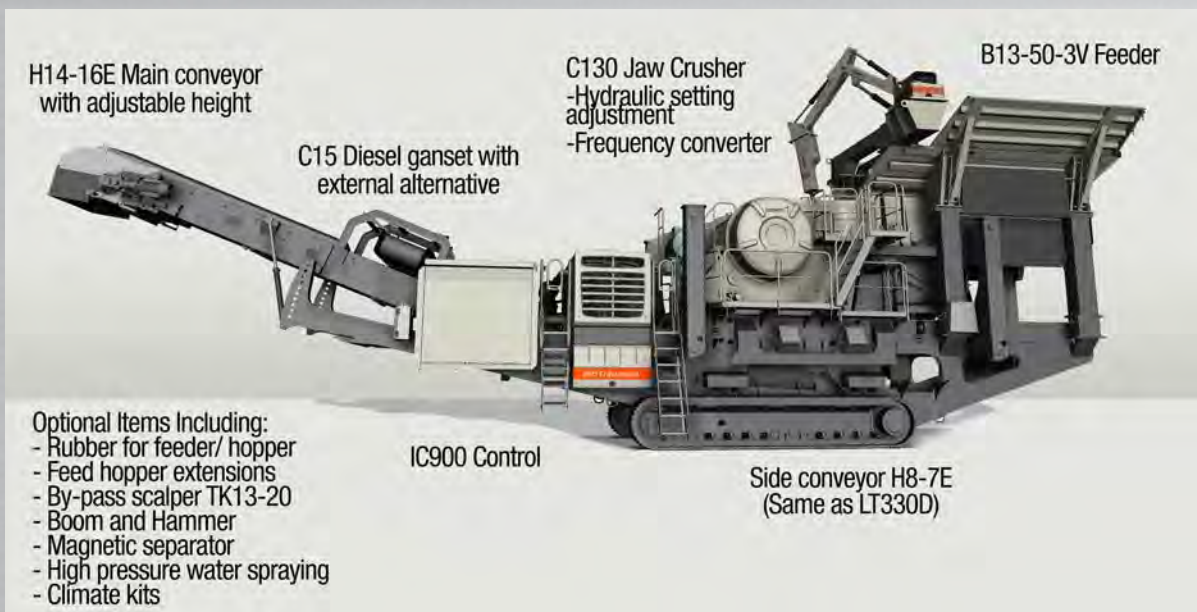
BRUNO TECHNOLOGY

The Bruno software is a Metso designed simulation program that allows you to predict production from any Metso crusher and screen combination. It also allows you to optimise potential production and product quality by varying parameters such as CSS, stroke, manganese choice, mesh apertures etc. Warnings are given if you exceed machine capabilities or setting limits.

Caveat; results are only as accurate as input data. GIGO law applies – garbage in, garbage out.



LAYOUT AND SPECIFICATION - LT130E



METSO FLEET MANAGEMENT

The new Metso fleet management system is a satellite based system allowing you to monitor and manage your Metso crushing and screening fleet. Elements covered by the system include;

- Time spent crushing, idling, traveling etc.
- Monitoring of active alarms and history
- Monitoring parameter changes
- Fuel consumption
- Location

Using this information you can generate reports on the performance and health of your Metso fleet. Any machine alarms are immediately sent so any necessary corrective action can be taken. This sophisticated management tool allows you to maximise the return on your valuable fleet assets.



METSO ICr - WIRELESS INFORMATION AND CONTROL SYSTEM

The Metso ICrTM is a wireless information and control system for Lokotrack plant. Data from the various units in the process train is shared with the excavator operator to allow optimization of the production process. Benefits include;

- Low cost
- Easy to install
- Wireless connection between all elements
- Feed optimization
- Crusher setting control
- Integrated with compatible IC systems

In short a cost effective way to maximise production performance.



TUTT BRYANT
EQUIPMENT SALES



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