Since 1986

SMAN

The Ultimate Crushing Solution

COAL CRUSHERS



DESIGN • MANUFACTURING • SALES • SERVICE
30 Years

COAL CRUSHERS & ALLIED EQUIPMENTS RANGING UPTO 500 TPH CAPACITY

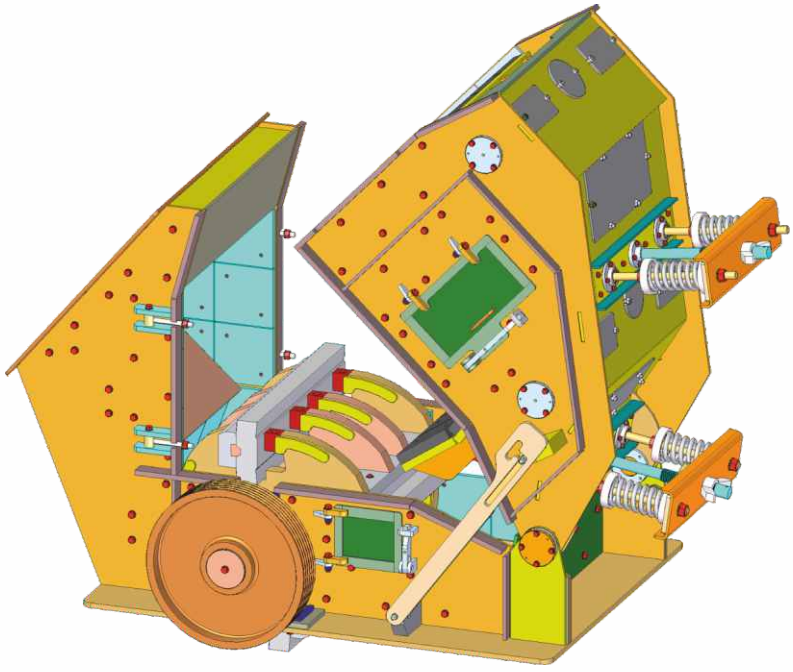
JAW STATION

A heavy duty single toggle Primary type Jaw Crusher specially designed to handle large size lumps with a specific elliptical motion crushing theory achieves the required output gradations & serves as the most economical & robust machine for coal application. **SMAN Primary Jaw coal stations** are most suitable for crushing coal at a mine wherein there is a substantial percentage of hard & abrasive rocks present in the natural coal & since a Jaw Crusher is basically designed to handle much harder minerals & ores , crushing coal is never challenging task for such a machine.



IMPACTOR STATION

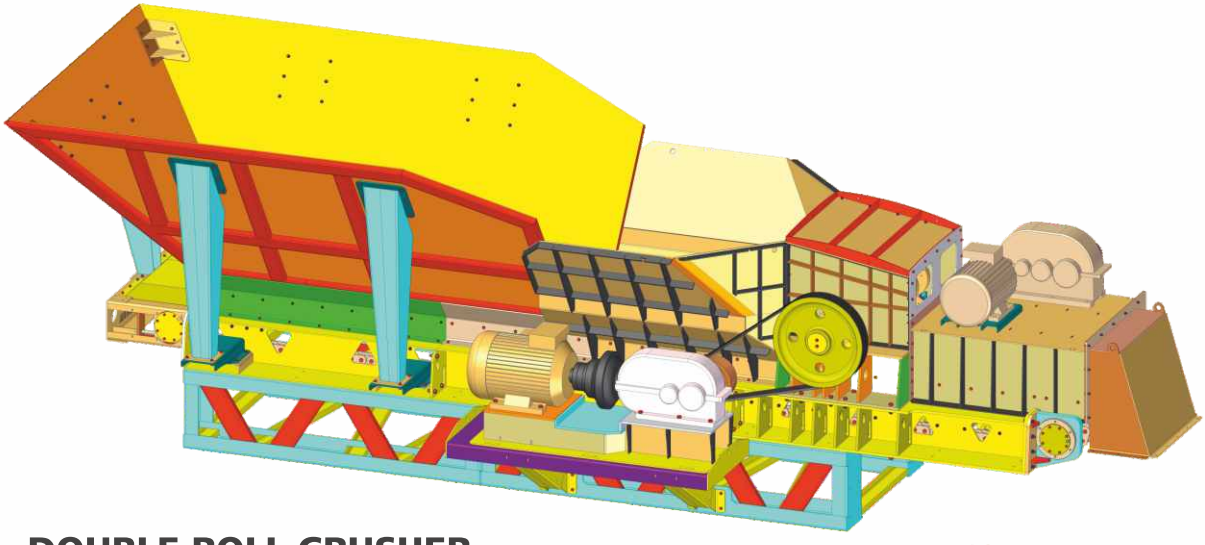
SMAN Impactor Coal Crushing Stations are the ideal choice wherein high production capacity at a minimized downtime is required. Equipped with a very heavy duty indigenously designed Primary type horizontal shaft impactor fitted with dynamically balanced four blade rotor & a specially designed two stage spring loaded impact liner wall system ensures maximized crushability & Productivity. SMAN Coal Impactors are most suitable for crushing coal at a mine wherein hard & abrasive rocks are present in a limited quantity & occasionally come through in the primary feed material. SMAN Primary Impactors are designed considering such a feed & can handle it making them an ideal choice wherein high productivity is targeted.





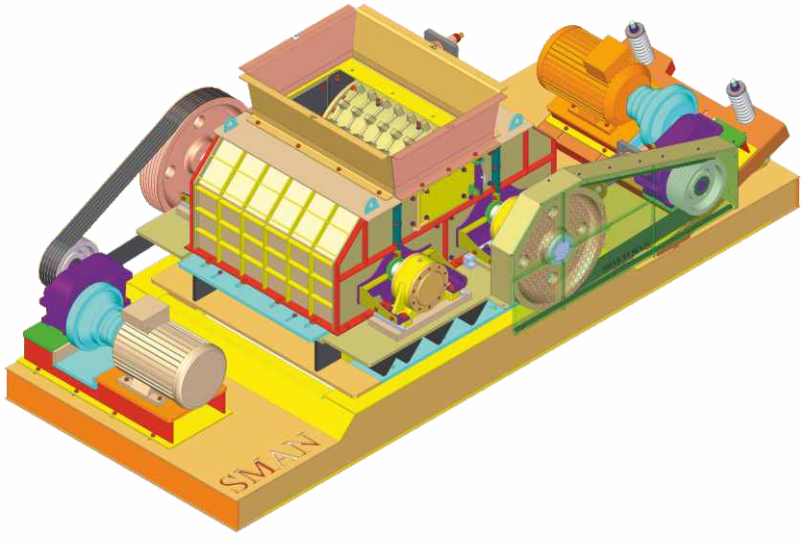
FEEDER BREAKER

SMAN Feeder breakers are robust, modular & highly reliable Coal Crushers, built around a standard pool of sub-systems & components to ensure a high degree of interchangability, modular replacement, low spares & stock holding, thus offering an optimum coal crushing option to its users. Incorporating a chain & flight drag conveyor feeding system with a horizontal, rotating pick roll rotor to perform primary size reduction & to feed a suitable belt conveyor or secondary crusher at a desired rate. Designed with an electro mechanical breaker drive, utilising a torque control coupling, forming one complete unit mounted on a heavy duty steel fabricated base frame. The main rotor is fabricated out of high quality steel plates & its modular design helps replacing one section at a time with a great ease, all the carbide tooth are press fit with mechanical lock & can be quickly replaced once worn out. Abrasion resistance steel plates liners on the internal section of the feed hopper increase the life of main body components. Electric drive system with safety overload cut-offs & heavy duty based skid reduce the requirement of heavy RCC foundations. SMAN Feeder Breakers are ideal for the primary reduction of ROM Coal & other variety of material such as potash, salt, coke or gypsum.



DOUBLE ROLL CRUSHER

SMAN Double Roll Crushers are designed with an advanced twin electric drive system coupled with hydraulic fluid couplings, heavy duty gear boxes and large diameter flywheels to generate the required torque at the crushing drums. The drums are fitted with high manganese plates in a modular manner making them easy for replacement. A Mechanical spring type Shock load absorbing system is incorporated as a safety for the power transmission. SMAN Roll crushers are most suitable at mines with the purest quality of coal that has a relatively low content of hard rock contamination.



Model	Crusher Type	Feed Intake	Capacity (00-100 mm)	Power (Kw)
ARCH0000	Jaw Crusher	00 To 650 mm	200-250 TPH	95 Kw
ARC0000	Double Roll Crusher	00 To 625 mm	400-450 TPH	110 Kw
ARF0000	Feeder Breaker	00 To 1200 mm	350-400 TPH	187 Kw
ARJ0000	Impactor	00 To 1000 mm	350-400 TPH	132-160 Kw

Shakti Mining Equipments Pvt. Ltd. reserves the rights to modify / change the designs / specifications of equipments & accessories.
Equipments in the photographs are subjected to change without prior notice.

ALLIED EQUIPMENTS

All the allied & ancillary equipments such as heavy duty dump hoppers with grid pattern at the top, Vibratory grizzly type feeder with adjustable bar gap setting, Discharge conveyors with support structures, Radial stacker conveyors & ground duct type loading station are all designed considering the customer requirements suitable for Coal crushing applications. Further heavy duty mobile type skid are also available for customers who intend to operate the equipments in government premises.

COAL CRUSHERS





COMPANY PROFILE

Shakti Mining Equipments Private Limited Is a company engaged in manufacturing of mining and construction equipments in India. Today SMAN is a very much reputed brand in the construction & mining field Since 1986. SMAN brand products are giving outstanding performance at the site, with increased productivity and lowest operating cost. The company offers person at attention to each and every client right from understanding his needs and provides the correct products resulting in optimum performance and the most economical solutions along with the very modern technology. The company strives to maintain the balance between advanced technology and cost effectiveness of the products. Its associates are more productive, effective and competent than their peers at other companies. It believes In the saying 'Satisfied associates are better associates'.

QUALITY CONTROL

To achieve high standard and quality of product, a very reliable quality control system has been adopted by the company. All the raw materials are procured as per International standard of quality. During various production process such as machining, assembling, finishing etc., each and every part of the product is keenly and thoroughly inspected and Checked by Quality Control Department.

MODERN MANUFACTURING FACILITIES















Since 1986
Shakti®
MINING EQUIPMENTS PVT. LTD.

HEAD OFFICE & PLANT - I:

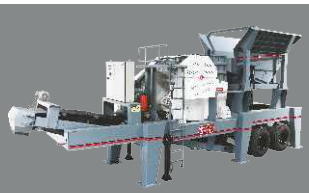
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