

# Stacker Cum Reclaimers



## TECHNICAL SPECIFICATIONS

- Economical solution for stockyards where simultaneous stacking and reclaiming is not required.
- Consistent performance combined with a good ratio between machine weight and capacity
- Flexibility of choosing between mechanical or hydraulic drives
- VVVF drives for all motions of the equipment
- State of the art PLC systems with user friendly interfaces
- Custom built and made to order equipments at TRF's own Works at Jamshedpur ensuring minimal erection and start up time at site
- Availability of radio communication and fibre composite cables allowing additional space at the tripper
- Ergonomically designed operator's cabin
- Ease of maintenance

The Stacker Reclaimers are used extensively in stockyards and are ideal for ensuring end-to-end logistics between incoming raw materials and their processing in the plant. TRF has engineered and supplied Stacker Reclaimers for coal, iron ore, limestone, sinter and coke.

TRF Stacker cum Reclaimers are in operation at all major steel plants, ports and power plants in India. The stacking and reclaiming capacity of TRF Stacker Reclaimers vary from 300 TPH to 6000 TPH making TRF the premier supplier of Stacker Reclaimers in India.

All the drives of the Stacker cum Reclaimers are provided with programmable logic controller to achieve synchronized motions.

Stacker cum Reclaimers are also provided with weighing system and totalizer, hydraulic railclamps, warning against storm weather and air conditioned electric room. Dust suppression system, radio control and Fire fighting systems are also provided as optional.

The operator's cabins is so located that the operator gets a clear and unobstructed view of the operation. The cabin is air-conditioned and ergonomically designed for maximum comfort of the operator. The front screen is mounted in the operator's console and displays details of all operations enabling the operator to program according to the loading requirement.

## Technical Particulars of Stacker Reclaimer

Machine Description	Material Handled	Rated / Design Capacity		Boom Length m	Track Gauge m
		Stacking tph	Reclaiming tph		
Stacker Reclaimer	Iron Ore	2500	1500	36.0	6.70
Stacker Reclaimer	Coal	1500	1500	6.00	6.00
Stacker Reclaimer	Crushed Coal	1200	1000	36.00	7.00
Stacker Reclaimer	Coal	1600/1760	1600/2000	41.0	8.20
Stacker Reclaimer	Iron Ore /Coal	1500/1710	1200/1500	41.00	8.20
Stacker Reclaimer	Crushed Coal	1350	1000/1350	37.00	8.20
Stacker Reclaimer	Coal	800/960	800/960	35.00	8.00
Stacker Reclaimer	Coal	1500/2000	1000/1250	41.00	8.20
Stacker Reclaimer	Crushed Coal	1000/1200	1000/1250	30.00	7.00
Rail mounted luffing boom stacker with tripper car	Iron ore & pellets	3600/3960	800/800	42.4	8.20
Stacker Reclaimer	Petcoke	300/320	300/320	30.00	7.00
Stacker Reclaimer	Limestone	825/950	280/300	30.00	7.00
Stacker Reclaimer	Iron ore fines, lumps and pellets	3000/3300	3000/3300	41.00	8.00
Stacker Reclaimer	Iron Ore/Lime one/coal	1500/1650/1800	600/720/720	30.00	7.00
Stacker Reclaimer	Coal	1000/1100	1000/1250	51.00	8.20
Stacker Reclaimer	Crushed Coal	1500/1625	1500	41.00	8.20
Stacker Reclaimer	Coal	2400/2640	2400/3000	41.00	8.20
Stacker Reclaimer	Coal	1300/1430	1300/1430	41.00	8.20
Stacker Reclaimer	Coal	1500/1650	1500/1650	41.00	8.00
Stacker Cum Reclaimers	Primer coal & Semi Coal	3500 / 3850	800 / 900	41000	8200
Stacker Cum Reclaimers	Iron Ore	3500 / 3850	3000 / 3600	41000	8200
Stacker Cum Reclaimers	Flux	1500 / 1800	2100 / 2520	41000	8200
Stacker Cum Reclaimers	Iron Ore Pellet	758 / 1250	1450 / 1600	45000	8000
Stacker Cum Reclaimers	Coal	3300 / 3630	3300 / 4129	41000	8200
Stacker Cum Reclaimers	Lime Stone	3000 / 2750	1000 / 1250	30000	8000
Stacker Cum Reclaimers	Thermal Coal	1500 / 1650	1500 / 1800	24600	6000
Stacker Cum Reclaimers	Iron Ore	3500 / 3850	1800 / 2160	41000	8200
Stacker Cum Reclaimers	Flux	1500 / 1800	1500 / 1800	41000	8200

## Service

TRF today offers comprehensive operation and maintenance services for their Stacker Reclaimers with guaranteed up-keep time for the customer. This ensures that customers can plan their raw material handling strategy and requirement with added precision, reducing raw material inventory.

## HEAD OFFICE & WORKS

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