

# MULTI-STAGE ROCK CRUSHING PLANTS

## 100-400TPH

- Surge pile and surge bin for maximum efficiency
- Primary-stage recovery screen
- Can be configured to suit your requirements

In medium- to large-scale operations, a three-stage setup is far more efficient and better able to produce finer and more cubical products. These multi-stage crushing plants have been designed to produce four or five kinds of aggregate. They use a three-stage crushing process with surge pile and surge bin. This design maximizes operating efficiency, productivity and profit.

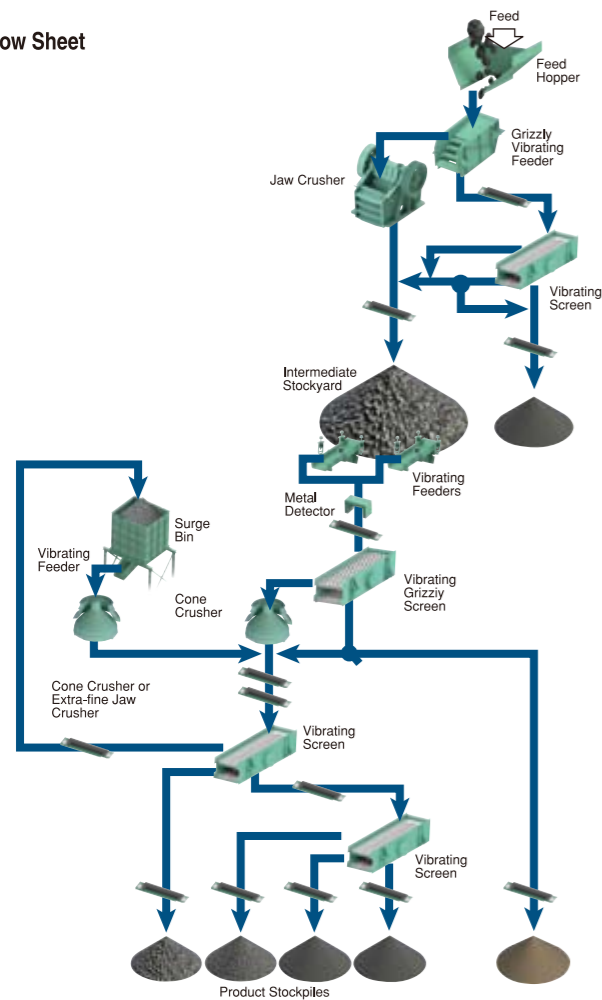
CAPACITY TABLE  
Nakayama Standard Rock Crushing and Screening Plant  
(Stationary/Skid-mounted)

		Plant I (36")	Plant II (42")	Plant III (46")	Plant IV (50")
Crushers	Primary	SK3624	RC4228	RS4636	RC5042
	Secondary	NEC40H	NEC45H	NEC54H	NEC60H
	Tertiary	NEM40H	NEM40H	NEC45H	NEM54H

Capacities		Feed	Final	Feed	Final	Feed	Final	Feed	Final
Product Sizes	40 ~ 20 mm 20 ~ 10 mm 10 ~ 5 mm 5 ~ 0 mm		160TPH		240TPH		250TPH		340TPH
	28 ~ 22 mm 22 ~ 10 mm 10 ~ 5 mm 5 ~ 0 mm C/Run	230TPH	130TPH	265TPH	160TPH	370TPH	200TPH	540TPH	330TPH
	25 ~ 13 mm 13 ~ 5 mm 5 ~ 2.5 mm 2.5 ~ 0 mm		120TPH		130TPH		180TPH		300TPH

### Flow Sheet



Primary group is made up of feed hopper, grizzly vibrating feeder, jaw crusher, and recovery screen to maximize output.

Intermediate stockard (surge pile) is used to maximize operating efficiency and enables independent operation of either primary or secondary group.

Secondary cone crusher handles feed from surge pile and vibrating feeder to provide top operating efficiency.

Tertiary cone crusher and impact crusher at the final crushing stage for better product shape and finer gradation.



### OVERVIEW OF MULTI-STAGE ROCK CRUSHING PLANT

