16"x24", 24"x36" and 30"x42" jaw crushers, on support legs, with feeder TRIASO

Triaso general characteristics in these jaw crushers

- Heavy duty design and materials.
- Mining specifications: 100% operation cycle under highly contaminated environment.
- Siemens™ motors and electrical parts.
- Electric system: Cables, starters, cabinets, ducts, connectors, etc.
- Heavy duty cabling, polarized to ground motors.
- Quick connection contacts, with indicative signs and protection against weather.
- Conveyor and hopper manufactured under strict Cema-6 specifications.
- Conveyors capable to start up fully loaded with material.
- Belts vulcanized at the jointures (without clamps), for longer durability and smoother operation.
- Power transmissions with extra sized heavy duty Browning™ gear reductors.
- Power transmissions with hub mounted steel pulleys.
- Heavy duty idlers, with bearings sealed against water and dust.
- Heavy duty mounted bearings sealed against water and dust.
- Galvanized screws for longer life, easier unscrewing and oxide stains elimination.
- High quality electrostatic automotive paint (baked) in medium to small size pieces.
  - High corrosion-resistance, high adherence and long lasting color.
- Security elements as well as pertinent warnings to protect the equipment and your personnel.

Ratio between the cavity opening and its height for minimum down time due to material blockage

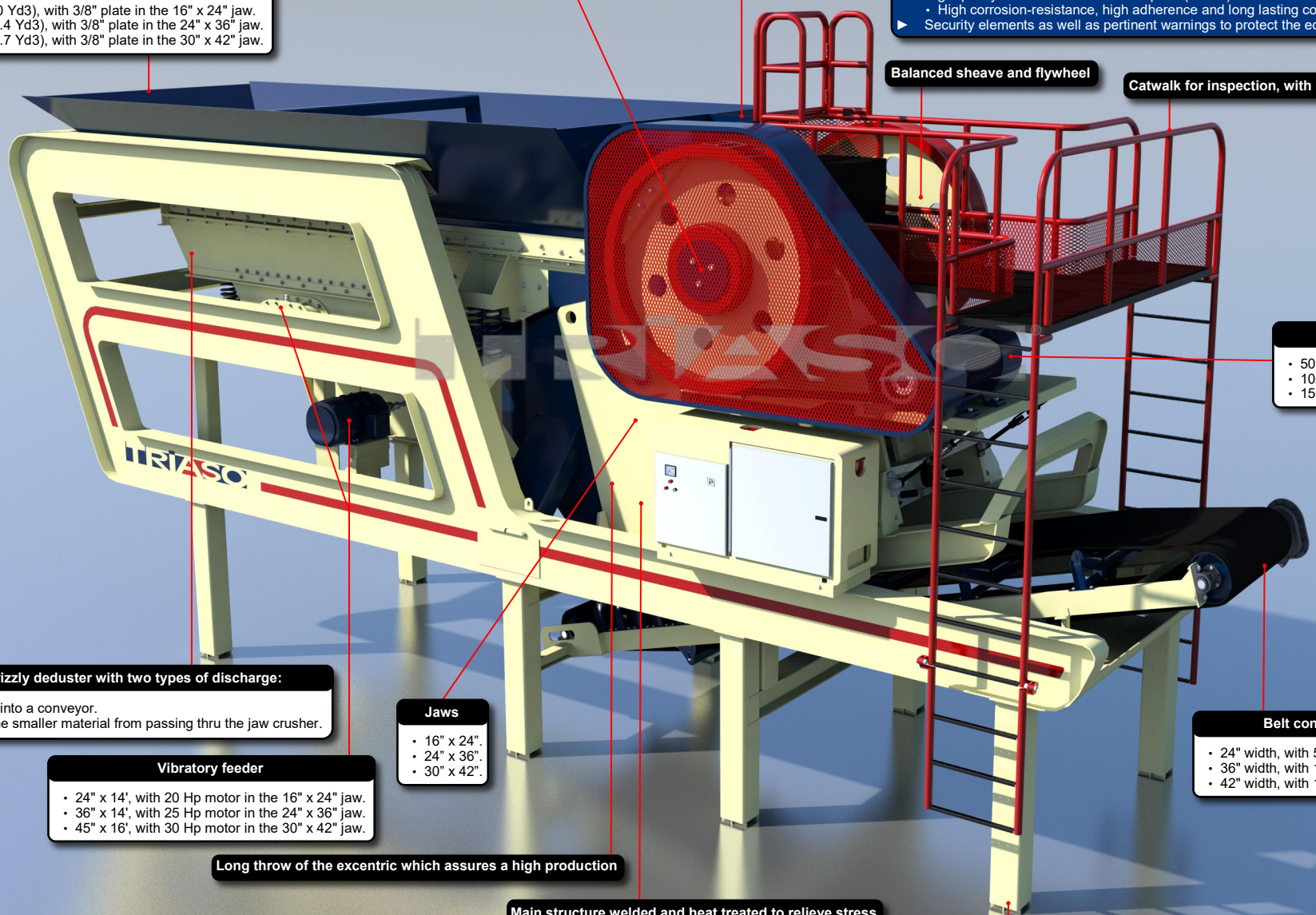
Material receptor hopper for heavy duty work

- 7.6 M3 (10 Yd3), with 3/8" plate in the 16" x 24" jaw.
- 11 M3 (14.4 Yd3), with 3/8" plate in the 24" x 36" jaw.
- 12 M3 (15.7 Yd3), with 3/8" plate in the 30" x 42" jaw.

Excentric shaft made of forged, machined and hardened steel

Balanced sheave and flywheel

Catwalk for inspection, with railings and ladder



Motor

- 50 Hp motor in the 16" x 24" jaw
- 100 Hp motor in the 24" x 36" jaw.
- 150 Hp motor in the 30" x 42" jaw.

Adjustable Grizzly deduster with two types of discharge:

- Lateral, to unload into a conveyor.
- Frontal, to keep the smaller material from passing thru the jaw crusher.

Jaws

- 16" x 24".
- 24" x 36".
- 30" x 42".

Belt conveyor under the jaw

- 24" width, with 5 Hp motor in the 16" x 24" jaw.
- 36" width, with 10 Hp motor in the 24" x 36" jaw.
- 42" width, with 10 Hp motor in the 30" x 42" jaw.

Vibratory feeder

- 24" x 14', with 20 Hp motor in the 16" x 24" jaw.
- 36" x 14', with 25 Hp motor in the 24" x 36" jaw.
- 45" x 16', with 30 Hp motor in the 30" x 42" jaw.

Long throw of the excentric which assures a high production

Main structure welded and heat treated to relieve stress

In-work support legs, with predetermined height for a quick installment