Integral equipped crusher, with feeder, 16' x 24' jaw, 2' cone, screen and close circuit

Triaso general characteristics in these integral eqquiped crushers

- Heavy duty design and materials.
- Industrial design, focused on aesthetics to favor your company´s image.
- 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.
- Conveyors, hoppers and chutes manufactured under strict Cema-6 specifications.
- Conveyors capable to start up fully loaded with material.
- Belt 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.

Bowl locking system:

- Locking thru hydraulic jacks.
- Cavity opening and closing thru hydraulic jacks.
- Operation console with integrated oil tank.
- High pressure oil pump with electric motor.
- Adjustable range of locking pressure, for automatic operation of the pressure pump.

Low height profile for easy transportation, with minimum maneuvers and greater stability

Material receptor hopper, 7.6 M3 (10 Yd3), with 3/8" plate for heavy duty work

Chutes for feeding and for close-circuit

2' Symons type cone, short or standard head, with several cavitys available:

- Fine, medium, coarse and extra coarse.

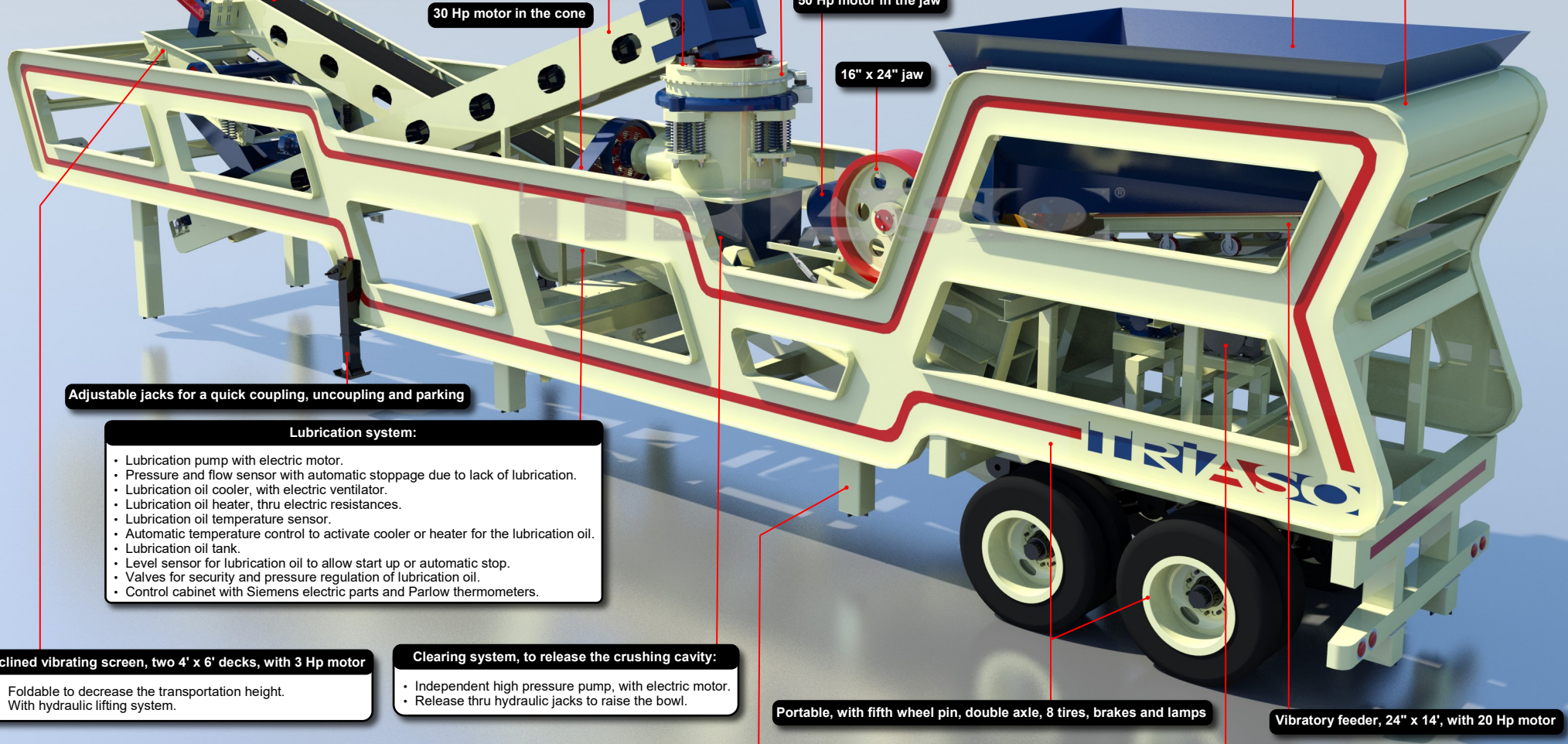
Belt conveyor under the jaw and under the cone, for elevation, 24" width, with 5 Hp motor

Belt conveyor under the screen, 18" width, with 3 Hp motor

30 Hp motor in the cone

50 Hp motor in the jaw

16" x 24" jaw



Adjustable jacks for a quick coupling, uncoupling and parking

Lubrication system:

- Lubrication pump with electric motor.
- Pressure and flow sensor with automatic stoppage due to lack of lubrication.
- Lubrication oil cooler, with electric ventilator.
- Lubrication oil heater, thru electric resistances.
- Lubrication oil temperature sensor.
- Automatic temperature control to activate cooler or heater for the lubrication oil.
- Lubrication oil tank.
- Level sensor for lubrication oil to allow start up or automatic stop.
- Valves for security and pressure regulation of lubrication oil.
- Control cabinet with Siemens electric parts and Parlow thermometers.

Inclined vibrating screen, two 4' x 6' decks, with 3 Hp motor

- Foldable to decrease the transportation height.
- With hydraulic lifting system.

Clearing system, to release the crushing cavity:

- Independent high pressure pump, with electric motor.
- Release thru hydraulic jacks to raise the bowl.

Portable, with fifth wheel pin, double axle, 8 tires, brakes and lamps

Vibratory feeder, 24" x 14', with 20 Hp motor

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

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.