WEIR MINERALS

TRIO

# TRIO Modular Plant

## High Efficiency Modular Solutions

DIAMOND
diamondequip.com

www.trioproducts.com

At TRIO we strive to provide our customers with the most rugged, robust, and reliable equipment for the most demanding applications in the harshest environments.

We provide customized high value solutions according to our customers' needs, from single machines to stationary or portable plants, including turnkey projects.

## Building Solutions Together

TRIO continues to expand as a world class designer & manufacturer of crushers, screens, washing equipment and conveyors for the aggregate, mining, recycling, and industrial minerals industries. The core goal of our company is to pursue product improvement, quality, and provide our customers with the most cost-effective equipment solutions.

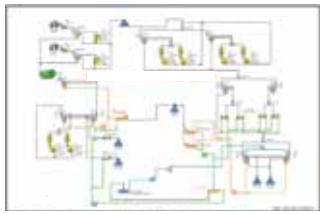
TRIO is one of the market leaders in modular plant designs, offering a larger array of designs to choose from than any other OEM. This results in a rapid development time that is unmatched in the industry, from conception through commissioning.

All of our Modular Structures are pre-assembled prior to shipping. This pre-assembly includes installing the equipment, motors, hoppers and guards on the modularstructure and test running to ensure proper fit and operation. The modular plant is then disassembled and all the parts are clearly marked to ensuresimple and efficient assembly in the field. This pre-assembly practice ensures a well-organized, labor saving installation with the most efficient timeline.

TRIO' s modular plants are built using heavy duty, bolt-together structural steel members. Moderate customization is available to accommodate elevation requirements, tailored access points, maintenance platforms and other customer requested changes. Ourmodular structures are designed to be shipped using standard ocean containers making them very economical to transport to any destination.

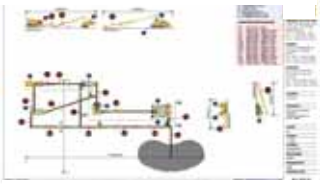
1. Develop process flow

Intensive customer collaboration is a key ingredientwe use to develop an optimized process flow diagram. This is generally done with a mass balance flow program like Agg-Flow.



2. Develop 2D Layout

A 2D Visio plant layout is the next step in the development of a modular plant system. This 2D layoutprovides a clear illustration of the plant configuration and size.



3. Develop 3D Layout

A Sales 3D layout could be the next step to show additional details of a modular plant system.The 3D layoutprovides a closer look at the details in the plant design and helps the customer and TRIO evaluate the proposed plants functionality.

4. Develop Video Walk -through and Review 3D layout

During a 3D review an additional videowalk -through is an option for large complex plant designs.

5. Develop 2D Layout through GoogleEarth

The final 3D option is to place the proposed plant design onthe customers mine site, via Google Earth.

6. Factory Assembly

Every Modular structure is fully assembled and the equipment is run at operational speed to ensure proper fit and function.

7. Designed for Global Transport

Our modular structures are designed to be shipped in standard ocean containers, making them very economical to transport to any global destination.

8 . Field Assembly

The on-site field assembly, of a TRIO Modular Plant is simple and straight forward with the documentation we provide.

## Modular Feeding Solutions

### TF Feeder Modules

Our TF feeders' incorporate robust steel coil springs and a thick feeder pan, fabricated and stress relieved with honey comb style reinforcement, capable of absorbing tremendous shock loads from loading equipment. The grizzly section removes undersize material and utilizes wear resistant materials with tapered openings in both dimensions preventing clogging and packing.

| Grizzly Feeder Station | | | | |
|---|---|---|---|---|
| Model | Main Equipment Model | Size (MM) | Max Feeding Size (MM) | Capacity (MTPH) |
| MF4620 | TF4620 | 1,124*6,000 | 700 | 370 - 535 |
| MF5220 | TF5220 | 1,300*6,000 | 800 | 410 - 615 |
| MF5820 | TF5820 | 1,475*6,000 | 900 | 450 - 700 |
| MF7224 | TF7224 | 1,830*7,320 | 1,300 | 700-1,235 |

- Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

### EF Feeder Modules

Vibrating Pan Feeders are ideally suited for installation in surge tunnels and for surge bin applications. These variable speed feeders are designed with AR-lined bed and side plates, welded and stress-relieved steel frame, for continuous duty applications.With easy adjustment of the speed and eccentricity TRIO EF Series feeders can be optimized for material flow control in the most demanding applications.

| Pan Feeder Station | | | | |
|---|---|---|---|---|
| Model | Main Equipment Model | Size (MM) | Max Feeding Size (MM) | Capacity (MTPH) |
| MEF2404 | EF2404 | 600*1,200 | 200 | 110 - 160 |
| MEF3005 | EF3005 | 762*1,524 | 260 | 160 - 240 |
| MEF3605 | EF3605 | 895*1,524 | 260 | 240 - 360 |
| MEF3606 | EF3606 | 895*1,829 | 260 | 240 - 360 |
| MEF4806 | EF4806 | 1,200*1,892 | 330 | 460 - 650 |
| MEF6006 | EF6006 | 1,524*1,892 | 500 | 500 - 700 |

- Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

### Apron Feeder Modules

Apron Feeders are slow moving, positive displacement feeders which can be widely applied in the mining, aggregate and industrial minerals industries. They offer customers a cost effective solution when feeding even the most difficult materials. These feeders are especially effective in applications that have large rock with sharp edges, materials that are sticky or hot materials.

| Apron Feeder Modules | | | | |
|---|---|---|---|---|
| Model | Main Equipment Model | Deck Width (MM) | Gradation (MM) | Capacity (MTPH) |
| MAF18 Series | TAF18 Series | 1,800 | ≤800 | ≤1,000 |
| MAF20 Series | TAF20 Series | 2,000 | ≤900 | ≤890 |
| MAF24 Series | TAF24 Series | 2,400 | ≤1,102 | ≤1,000 |

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- Data for marketing purposes subject to change with product upgrades. Please consult
- TRIO for your customized solutions.

## Modular Jaw Crusher Stations

TRIO has many years' of experience designing and manufacturing jaw crushers.Our CT-Series Jaw Crushers are the perfect combination of quality, reliability and outstanding performance.

We offer a complete range of jaw crushers that can be widely applied in the mining, aggregate, recycling and industrial mineral industries, offeringhigh performanceprimary crushing.

Our extensive range of pre-engineered primary crushing stations provide optimized solutions with numerous feed hopper designs and capacitiesthat enable these stations to be matched with the customer' s preferred loading and haulage equipment.

TRIO designs include both sloped side and rock box style hoppers in a variety of configurations. Safe and accessible work platforms are built with grated walkways, stairways, handrails,knee rails and toe plates. These features can be tailored to satisfy local dimensional requirements.

Optional hydraulic breaker modular support structures can be pair with these primary stations to effectively manage oversized feed. Operator control rooms or towers can also be supplied as stand-alone control modules or as extensions to overall plant motor control centers.

| Model | Main Equipment Model | Size (MM) | Feeding Size | Discharge Size Range (MM) | Max Feeding Size (MM) | Capacity (MTPH) | Hopper Volume | Feeder | Hopper Size (MM) |
|---|---|---|---|---|---|---|---|---|---|
| MJ1252 | CT1252 | 7,066*1,939*3,443 | 300*1,320 | 25-89 | 250 | 50-135 | 8M³ * | TF2012 single deck vibrating grizzly feeder | 1,000*3,650 |
| MJ2436 | CT2436 | 9,850*2,120*5,073 | 610*910 | 76-178 | 500 | 120-349 | 6M³ | TF4016 single deck vibrating grizzly feeder | 1,000*4,875 |
| MJ2042 | CT3042 | 11,804*4,080*6,216 | 760*1,070 | 76-203 | 610 | 150-503 | 19.7M³ | TF4026 vibrating grizzly feeder (single or double deck optional) | 1,124*6,000 |
| MJ3254 | CT3254 | 15,340*7,470*9,623 | 800*1,370 | 50-180 | 650 | 240-780 | 51.5M³ | TF5220 vibrating grizzly feeder (single or double deck optional) | 1,300*6,000 |
| MJ4254 | CT4254 | 15,380*5,470*10,948 | 1,060*1,370 | 125-275 | 960 | 400-1,100 | 14M³ | TF5820 vibrating grizzly feeder (single or double deck optional) | 1,625*6,000 |
| MJ4763 | CT4763 | 18,314*8,704*12,759 | 1,200*1,600 | 150-300 | 1075 | 520-1,250 | 35M³ | TF6420 vibrating grizzly feeder (single or double deck optional) | 1,625*7,320 |

1.Size=length* width*height
2.Data for marketing purposes subject to change with product upgrades
3. Hydraulic hammer and lighting equipment can be installed according to customers' need.
4. Larger feeding hopper can be installed according to customers' need and working condition requirement.

## Modular Cone Crushers

TRIO's TC-Series Cone Crushers unitize a time proven design platform that has been optimized with robust mechanical components and labor saving user friendly operating features. The TC-Series Conesare a combination of quality, performance and reliability for secondary and tertiary crushing applications.

These crushers have large cone head diameters, which allow a medium-speed increase to equal the linear velocity and processing capacity of high-speed crushers in the market.

Our larger socket assembly delivers full support under both extreme and light load conditions, providing an extended crusher service lifeeven in the most difficult operatingconditions.

TRIO' s secondary and tertiary modular cone structures are supplied as stand-alone modules or matched with surge bins using pan or belt feeders. All TRIO cone modules includevibrationisolation,with a floating crusher sub-frame that supports the crusher, drive system and motor guard.

Our cone modules have convenient and easily accessibleunder crusher inspection access along with safe work platforms and stairways that can be tailored to satisfy local code requirements.

| Model | Main Equipment Model | Size (MM) | Feeding Size Range (MM) | Discharge Size Range (MM) | Capacity (MTPH) |
|---|---|---|---|---|---|
| MTC36 | TC36H S | 2,985*1,400*4,870 | 100 - 180 | 9 - 40 | 27 - 186 |
| | TC36H SH | 2,985*1,400*4,870 | 40 - 75 | 3 - 22 | 27 - 136 |
| MTC51 | TC51H S | 3,751*1,850*5,871 | 140 - 260 | 12 - 50 | 136 - 425 |
| | TC51H SH | 3,751*1,850*5,871 | 65 - 135 | 3 - 25 | 36 - 255 |
| MTC66 | TC66H S | 4,661*1,650*7,522 | 210 - 370 | 19 - 63 | 132 - 565 |
| | TC66H SH | 4,661*1,650*7,522 | 70 - 150 | 5 - 25 | 105 - 380 |
| MTC6 | TC6 | 6,514*2,160*9,294 | 70 - 360 | 10 - 64 | 200 - 1,000 |
| MTC84 | TC84 | 6,514*2,215*9,360 | 70 - 460 | 10 - 64 | 300 - 1,500 |

* Size=Length*width*height
* S=standard SH=short head
* Max feeding material size is 80% of the F.O.R (Feeding Opening Range) matching your liner selection.
* All standard and short head models can be equipped with chambers for extra-coarse, coarse, medium and fine material
* Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

## Modular Primary and Secondary Impact Crushers

TRIO offers two configurations of horizontal shaft impactcrushers: The APP-Series for high-production primary crushing and the APS-Series forsecondary crushing or recycling applications. All of our horizontalimpactor' s are equipped with solid cast steel or fabricated stress relieved rotors in 2,3 or 4 row blow bars configurations. Extra-heavy duty rotors provide the mass and strength necessary when crushing tough materials. These high capacity, large reduction ratio crushers are ideal for the aggregate, cement and limestone industries.

Our extensive range of pre-engineered modular primary and secondary impact crusher stations include. Numerous feed hopper designs and capacities that enable these stations to be matched with the customers' loading and haulage equipment. TRIO designs include both sloped side and rock box style hoppers.

Safe and accessible work platforms are built with grated walk ways, stairways, hand rails and toe plates that can be tailored to satisfy local dimensional requirements. Operator friendly stairs are provided to ensure user maintenance and service access.

Hydraulic breaker modular support structures are available in these primary stations to effectively manager oversize feed. Operator control rooms and towers can also be supplied as stand- alone control modules or as extensions or overall plant motor control centers.

| Model | Main Equipment Model | Weight (KG) | Feed Hopper Weight (KG) | Feed Height (MM) | Length (MM) | Width (MM) | Capacity (MTPH) | Power (KW) | Rotor Size (MM*MM) |
|---|---|---|---|---|---|---|---|---|---|
| MIS3030 | APS3030 | 3673 | 3300 | 4250 | 2956 | 1246 | 20-65 | 55 | 760*760 |
| MIS4034 | APS4034-F | 9490 | 2069 | 5021 | 8593 | 4403 | 80-150 | 90-110 | 1,000*800 |
| MIS4054 | APS4054 | 6072 | 4692 | 5255 | 4002 | 1246 | 120-200 | 90-110 | 1,000*1,370 |

- Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

## Modular Vertical Shaft Impact Crushers

TRIO’ s vertical shaft impact crushers utilize the mostadvance design platform, making it the VSI crusher with thewidest range of capabilities in the market. TV series crushersare tertiary or fine-stage crushers, which can be utilized inthe most demanding applications to process many types of ores, minerals and aggregates. These impact crushers can provide fine crushingsolutions for aggregate, manufactured sand, industrial mineral powders, or pre-grinding for ore milling circuits.

Our VSI crushers use high-speed rotors or heavy duty open tables. All TRIO VSI crushers are convertible between 3 styles of crushing chamber designs for maximum flexibility. Configuration options include open shoe table and anvil ring, enclosed rotor and anvil ring, and enclosed rotor and rock shelf. These configurations maximize flexibility and allow the crusher to be configured as needed for the highest performance possible.

Modular Vertical ShaftImpact Crusher Stations include feedboxes and discharge chutes that incorporate dust control plenums. Convenient accessible work platformsand stairways provide operator safetyand ensure simple service and maintenance.

| Model | Main Equipment Model | Size (MM) | Main Frame Diameter (MM) | Max Feeding Size (MM) | Capacity (MTPH) | Rotor Size (MM) | Rotor Typer | Chamber Type |
|---|---|---|---|---|---|---|---|---|
| MV85 | TV85 - ROR - SD | 3,816*1,225*5,936 | 2,100 | 50 | 150-250 | 890 or891 | 5 enclosed rotor (7 optional) | Rock Shelf |
| | TV85 - ROR - DD | 3,816*1,225*5,936 | 2,100 | 50 | 150-250 | 813or891 | 5 enclosed rotor (7 optional) | Rock Shelf |
| | TV85 - ROS - SD | 3,816*1,225*5,936 | 2,100 | 38 | 100-250 | 890 | 6 enclosed rotor | Anvil Ring |
| | TV85 - ROS - DD | 3,816*1,225*5,936 | 2,100 | 38 | 100-300 | 890 | 6 enclosed rotor | Anvil Ring |
| | TV85 - SOS - SD | 3,816*1,225*5,936 | 2,100 | 90 | 100-300 | 810or1,070 | 4 open shoe table (6 optional) | Anvil Ring |
| | TV85 - SOS - DD | 3,816*1,225*5,936 | 2,100 | 90 | 100-400 | 810or1,071 | 4 open shoe table (7 optional) | Anvil Ring |
| MV95 | TV95 - ROR - SD | 3,816*1,225*5,936 | 2,400 | 63 | 150-350 | 813or891 | 5 enclosed rotor (7 optional) | Rock Shelf |
| | TV95 - ROR - DD | 3,816*1,225*5,936 | 2,400 | 63 | 220-450 | 813or891 | 5 enclosed rotor (7 optional) | Rock Shelf |
| | TV95 - ROS - SD | 3,816*1,225*5,936 | 2,400 | 63 | 100-350 | 890 | 6 enclosed rotor | Anvil Ring |
| | TV95 - ROS - DD | 3,816*1,225*5,936 | 2,400 | 63 | 180-600 | 890 | 6 enclosed rotor | Anvil Ring |
| | TV95 - SOS - SD | 3,816*1,225*5,936 | 2,400 | 125 | 100-300 | 810or1,070 | 4 open shoe table (6 optional) | Anvil Ring |
| | TV95 - SOS - DD | 3,816*1,225*5,936 | 2,400 | 125 | 100-500 | 810or1,071 | 4 open shoe table (7 optional) | Anvil Ring |

* Size=length*Width*Height
* SD=single drive; DD=Double drive
* ROR= rock on rock; ROS=rock on steel; SOS=steel on steel

## Modular Inclined Screen Structures

TRIO' s wide range of vibrating inclined screen sizes paired with an equally wide range of modular structure configurations results in a comprehensive selection of modular inclined screen stations. Standard configurations include feed boxes, rock ladder type or lined sloped discharge chutes and under-screen fines hoppers. Options include fixed or roll-away chutes with bolt-on alternate discharge points, wet-screen kits, slurry recovery hoppers, alternative tower heights, and stations that accommodate multiple screens.

Safe and accessible work platforms are built with grated walkways, stairways, hand rails, knee rails and toe plates that can be tailored to satisfy local dimensional requirements. Operator friendly stairs are provided to ensure user maintenance and service access.

| Model | Main Equipment Model | Weight (KG) | Discharge Conveyor | Feed Height (MM) | Length (MM) | Width (MM) | Discharge Height(MM) |
|---|---|---|---|---|---|---|---|
| MSI4102 | TIOSP4102 | 10,748 | | 8,136 | 6,533 | 5,446 | 2,247 |
| MSH4102 | TIH4102A | 2,566 | ● | 4,709 | 4,665 | 2,158 | 1,522 |
| MSI5142 | TIO5142 | 13,844 | | 8,901 | 7,742 | 7,894 | 1,506 |
| MSI5143 | TIO5143A | 9,447 | | 6,951 | | | |
| MSI5162 | TIO5162A | 10,080 | | 6,423 | 8,480 | 3,771 | 1,295 |
| MSI5163 | TIOSP5163 | 13,495 | | 6,952 | 8,100 | 3,697 | 1,500 |
| MSI6162 | TIOSP6162 | 8,420 | | 6,334 | 7,860 | 4,010 | 1,959 |
| MSI6163 | TIOSP6163 | 13,078 | | 8,192 | 10,309 | 4,076 | 1,905 |
| MSI6203 | TIO6203A | 15,551 | | 9,436 | 11,220 | 5,467 | 950 |
| MSI7203 | TIO7203C | 13,865 | ● | 9,713 | 9,991 | 4,587 | 1,546 |
| MSI7243 | TIO7243 | 12,797 | | 8,501 | 9,717 | 4,300 | 1,208 |
| MSHA8203 | TIO8203FA | 17,688 | ● | 10,821 | 10,549 | 4,860 | 2,049 |
| MSI8204 | TIO8204A | 20,434 | ● | 10,276 | 11,649 | 4,896 | 1,582 |
| MSI8243 | TIO8243B | 14,480 | ● | 9,205 | 11,426 | 4,896 | 1,612 |

* All models are able to install washing equipment
* Flaps on discharge hopper and number of decks are optional subject to customers need and requirement
* Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

## Modular Horizontal Screen Structures

TRIO' s Horizontal Screens generate their power via 3 timed shafts with eccentric counterweights. The three shafts provide an aggressive oval stroke with adjustable amplitude, speed and operating angle. All of our horizontal screens can be installed into modular stations, providing customers with wide range of modular screening solutions. Standard configurations include feed boxes, rock ladder type or lined sloped discharge chutes and under-screen fines hoppers. Options include fixed or roll-away chutes with bolt-on alternate discharge points, wet-screen kits, slurry recovery hoppers, alternative tower heights, and stations that accommodate multiple screens.

| Model | Main Equipment Model | Weight (KG) | Discharge Conveyor | Feed Height (MM) | Length (MM) | Width (MM) | Discharge Height(MM) |
|---|---|---|---|---|---|---|---|
| MSHP5162 | TTHSP5162 | 8,643 | ● | 4,676 | 8,159 | 4,220 | 1,620 |
| MSH5162 | TTH5162A | 4,866 | | 4,527 | 7,300 | 3,476 | 2,000 |
| MSH5163 | TTH5163B | 9,182 | | 6,415 | 9,394 | 4,313 | 1,400 |
| MSHP6162 | TTHSP6162F | 9,782 | ● | 5,244 | 8,955 | 4,588 | 1,667 |
| MSH6202 | TTH6202B | 9,865 | ● | 4,790 | 10,101 | 4,528 | 1,918 |
| MSH6203 | TTH6203B | 9,800 | ● | 5,196 | 10,101 | 4,528 | 1,668 |
| MSH6203 | TTH6203A | 12,955<br>12,317 | | 7,368 | 10,376 | 9,193 | 3,494 |
| MSH7202 | TTH7202A | 10,576 | | 5,665 | 9,319 | 4,993 | 1,600 |
| MSH8202 | TTH8202BL | 29,314 | ● | 8,009 | 10,019 | 13,385 | 5,301 |
| MSH8203 | TTH8203FT<br>TTH8203FTL | 50,368 | ● | 10,891 | 10,510 | 11,242 | 4,220 |
| MSHC8203 | TTHC8203F*2 | 36,405 | ● | 8,408 | 11,426 | 11,426 | 3,910 |
| MSH9203 | TTHM9203 | 14,906 | ● | 7,965 | 10,031 | 8,715 | 1,800 |

* All models are able to install washing equipment
* Flaps on discharge hopper and number of decks are optional subject to customers need and requirement
* Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

## Modular Washing Stations

TRIO log washers are ideal for scrubbing difficult materials. Tough insoluble clays, conglomerates, soil stone and cemented aggregates are difficult to clean in normal screw washers. The maximum feed size is up to 100mm.The log washer scours, breaks down and cleans the toughest materials, providing an excellentwashing solution.

Coarse material washers are ideal tools to clean, classify and dewater crushed stone and gravel nominally sized less than 2-1/2 (65mm) inches and larger than 3/8" (10mm).Theunits cast paddles provide a highly abrasive washing actionthat separates aggregates from dust, soluble clay, and organicparticles producing high quality aggregate used in construction and concrete. These coarse washers feature a stable transmission, advanced blade designand reliable sealing system.

Our fine material sand screws are designed for dewatering, washing and classification of sand. With adjustableoverflow weirs, the sand screws enable operators to controlthe depth of the head and velocity of overflow waste water.The large overflow feed box allowsfor the retention of finermesh minerals, or, if necessary, the removal of those particles.These fine material washers are built with a large3-stage gearbox for reliable power transmission and effectively sealed to ensure long-term operation.

| Fine Material Washer | | | |
|---|---|---|---|
| Single Spiral | | Double Spiral | |
| Model | Size（MM） | Model | Size（MM） |
| TSW3625 | 915*7,620 | TTSW3625 | 915*7,620 |
| TSW4432 | 1,115*9,700 | TTSW4432 | 1,115*9,700 |
| TSW5434 | 1,370*10,010 | TTSW5434 | 1,370*10,010 |
| TSW6636 | 1,676*10,670 | TTSW6636 | 1,676*10,670 |

| Coarse Material Washer | | | |
|---|---|---|---|
| Single Spiral | | Double Spiral | |
| Model | Size（MM） | Model | Size（MM） |
| TBW3618 | 928*5,450 | TTBW3618 | 928*5,450 |
| TBW4420 | 1,118*6,350 | TTBW4420 | 1,118*6,350 |
| TCW3618 | 928*5,450 | TTCW3618 | 928*5,450 |
| TCW4420 | 1,118*6,350 | TTCW4420 | 1,118*6,350 |

| Log Washer | | | |
|---|---|---|---|
| Single Spiral | | Double Spiral | |
| Model | Size（MM） | Model | Size（MM） |
| LW3630 | 905*8,650 | LW4430 | 1,120*8,650 |
| LW3635 | 905*10,500 | LW4435 | 1,120*10,500 |

* TBS Fine washer is configurated with blade and spiral
* Data for marketing purposes subject to change with product upgrades. Please consult TRIO for your customized solutions.

## Modular Mounted Magnets

TRIO modular magnet stations are available for both manual and self-cleaning permanent magnets and electro-magnets. Alternative mounting heights and cable orchannel mounting systems facilitate installation of magnets in any location required in a plant.

| Permanent Magnet | | | | | |
|---|---|---|---|---|---|
| Self-cleaning | CRP30 | CRP36 | CRP42 | CRP48 | CRP54 |
| Stationary | CRPS30 | CRPS36 | CRPS42 | CRPS48 | |

| Electro Magnet Self-cleaning Stationary | | | | | | |
|---|---|---|---|---|---|---|
| Self-cleaning | CRP36 | CRP42 | CRP48 | CR54 | CR60 | CR66 |
| Stationary | CRPS36 | CRPS42 | CRPS48 | CRS54 | | |

* Adjustable with requirement and demand

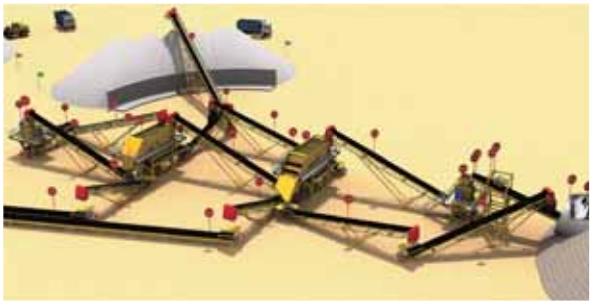
## Conveyors

TRIO manufactures a complete line of conveyors to meet the demanding needs of the mining, aggregate and industrial minerals industries. Our conveyor configurations include truss, channel, and combination frame styles for transfer conveyors, radial stackers, telescoping stackers,and jump or grasshopper conveyors. Overland and tunnel conveyors are available in truss, channel, and suspended catenary styles.

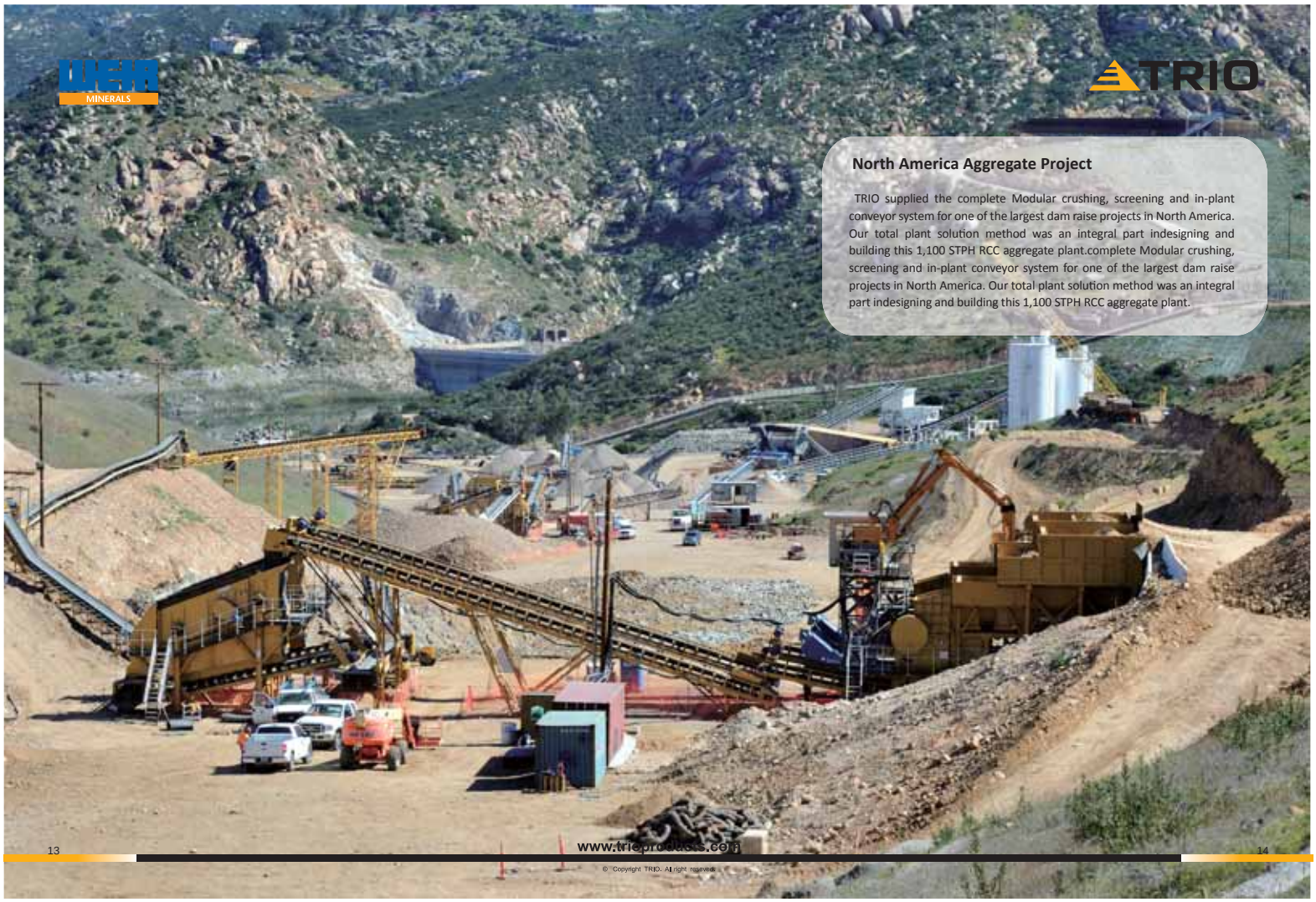
Our conveyors can be customized with many options including walkways, head platforms, e-stops, beltcleaners, backstops, folding heads, discharge chutes, CEMA B, C or D idlers. Other options include customer specified bearings, drive and belting.

TRIO supplied the complete Modular crushing, screening and in-plant conveyor system for this Mega Dam Raise Project.

OurTotal Plant Solution methodwas used to build the largest modular aggregate plant installed in North America during 2010.



This plant operated at 1,100 STPHproducingaggregate for Roller Compacted Concrete used to raise an existing dam and make it one of the largest in the world.

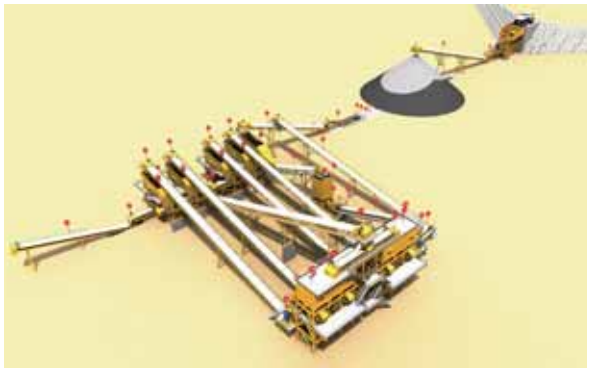


## North America Aggregate Project

TRIO supplied the complete Modular crushing, screening and in-plant conveyor system for one of the largest dam raise projects in North America. Our total plant solution method was an integral part indesigning and building this 1,100 STPH RCC aggregate plant.complete Modular crushing, screening and in-plant conveyor system for one of the largest dam raise projects in North America. Our total plant solution method was an integral part indesigning and building this 1,100 STPH RCC aggregate plant.

## Iron ore project in Mongolia

TRIO supplied the complete modular crushing, screening and in-plant conveyor system for this iron ore processing plant.



Another illustration of our Total Plant Solutions methodis this iron ore processing plant. TRIO supplied the modularprimary, secondary and tertiary crushing stations andhorizontal screeningmodules.

This plant design began a with mass balance flow diagram, then progressed through both 2D and 3D plant layouts and was completed with comprehensive set of engineered drawings.

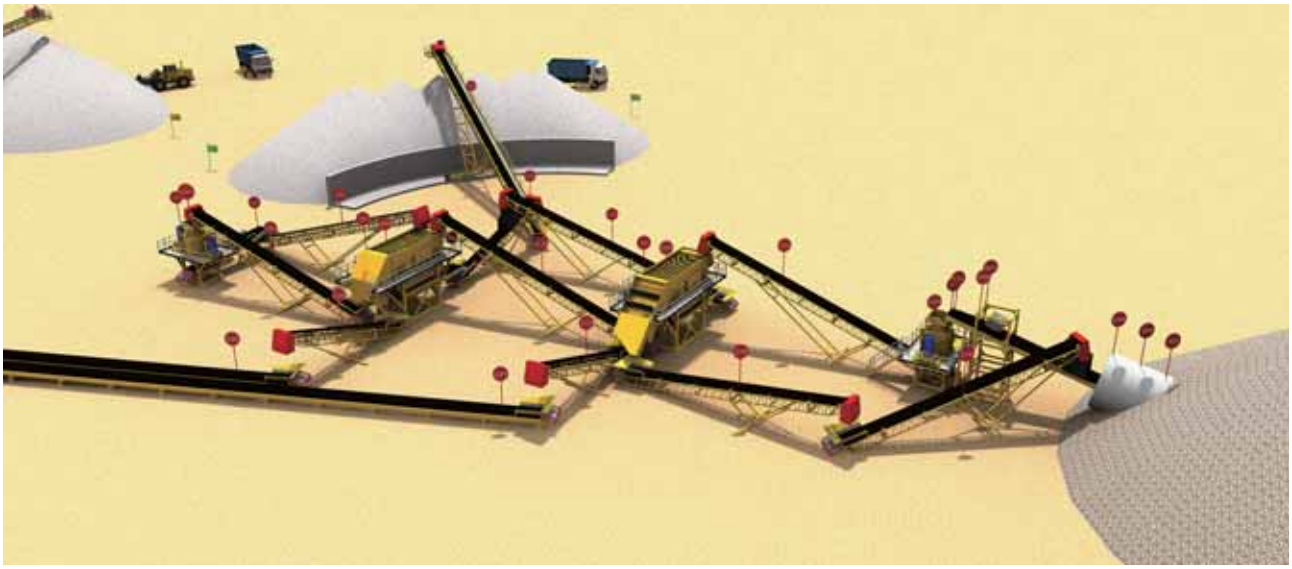
The project included amagnet separation station, conveyors inmultiple configurations and the central control room forefficient operation and supervisory control.

All modular stations were manufactured and pre-assembled in theirentirety before shipping directly to the job site, insuring an accurate and efficient on site assembly in thisremote and hostile environment.

## Comprehensive Optimized Solutions

TRIO can provide not only key single machines, but also complete crushing, screening, washing, and material conveying solutions. We take your budget, working environment, capacity and product gradation requirements into consideration to provide a customized solution. Our optimized solutions include machine model selection, operating simulation, and on-site layout drawing.

These outstanding designs, engineering and manufacturing capabilities, together with complete after-sales service, will ensure the successful implementation of your project, creating value and achieving your objectives.



## Worldwide Parts and Service Support

From Europe to mid-Asia, Africa to America, China to Australia, no matter what you order (a complete system, single machine, or a spare part). TRIO will provide you with professional service and support.

Combined with off-the-shelf availability, global distribution and superior quality, TRIO replacement parts and skilled service personnel make TRIO a valued partner in the global mining and aggregate industries.

All TRIO products are assembled and test run in our factory to ensure reliable performance. We also provide professional training for customer maintenance and operations personnel to insure smooth and efficient plant operations along with safe and simple maintenance.

## CRUSHERS

CT Series Jaw Crusher
TC Series Cone Crusher
APS& APP Series Impact Crusher
TV Series VSI Crusher

## Screens

TIH, TIO&TIOSP Series Inclined Screen
TTH Series Horizontal Screen
TBSS& TBSD Series Banana Screen

## Portable Plants

Track mounted portable plants
Wheel mounted portable plants

## Plant Solutions

'Turn-key' projects

## TRIO - US

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