

# Trio® APS4034 Series

## Horizontal Impact Crushers

Technical Specifications

# WEIR

## Minerals



### Applications

- Secondary crushing of medium to soft aggregates with low abrasion index
- Recycling of concrete, asphalt and a variety of other materials
- Stationary and mobile systems

Left: Trio® APS3030

## Trio® APS Series Horizontal Impact Crusher

The Trio® APS series horizontal impact crusher has large reduction ratios and a high production capacity, while consistently making an excellent quality cubical product. Trio® APS series crushers feature a large unobstructed opening for slabby feed. Due to their versatility, these crushers can be used in a range of applications including the recycling of asphalt, concrete, slag and glass.

Trio® APS series horizontal impact crushers feature robust steel coil springs which provide additional tension on the secondary and tertiary curtains. This maintains consistent gap settings which help create a uniform end-product.

Shims and hydraulic assist jacks allow users to easily adjust the apron gap settings, while access doors on the top, rear and sides make inspection and routine maintenance safe and simple.

Adjustment and replacement of the stripper bar can be performed from outside of the machine via a bolted access cover. The Trio® APS series crusher also boasts a hydraulic powered crusher opening with safety locks and proximity switch to aid inspection and maintenance.

Featuring a welded carbon steel main frame, Trio® APS series crushers also feature welded and stress-relieved steel rotors with abrasion resistant wear plates, forged steel rotor shafts, and abrasion resistant steel interior liner plates to deliver a rugged, precise machine.

Designed to maximise performance, our entire range of crushing and grinding equipment is backed by the Weir Minerals service network, operating in over 70 countries across the globe.

### Design features

- Robust steel coil springs provide additional tension on the secondary and tertiary curtains
- Shim stacks with hydraulic assist allow users to easily adjust the apron gap settings
- Swing out doors for gap setting inspection
- External stripper bar adjustment and replacement
- Hydraulically powered crusher opening with safety locks and proximity switch
- Optional third adjustable curtain or fixed grinding path available

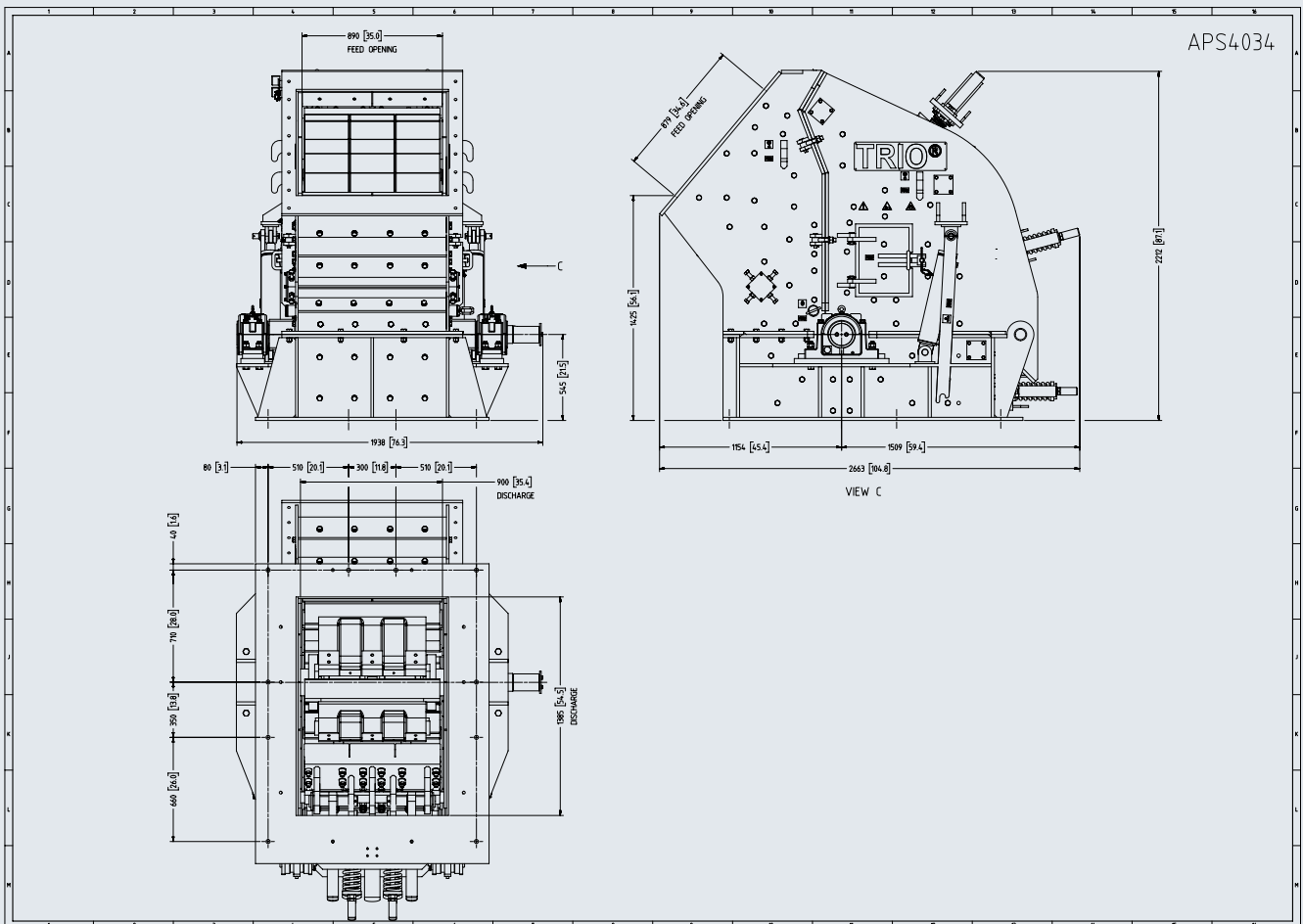
## Materials of Construction

Main frame	Welded steel
Rotor	Stress-relieved fabricated steel
Blow bars	Cast manganese steel OR chrome iron
Primary impact curtain	Cast manganese steel
Secondary impact curtain	Cast manganese steel
Frame liners	Abrasion resistant plate
Shaft	Solid forged steel

## Trio® APS4034 Series Horizontal Impact Crusher

Feed opening (H x W)	800mm x 900mm (31"x 35")
Maximum feed size	400mm (16")
Rotor speed	400-950 rpm
Blow bar length	873mm (34.4")
Blow bar thickness	96mm (3.8")
Maximum installed power	110kW (150HP)
Weight	9,400kg (20,774lbs)

## Trio® APS4034 Series Horizontal Impact Crusher General Arrangement Drawing



Please note: Drawings not to scale. Specifications may not be representative of most recent upgrades and changes. Please contact your local Weir Minerals representative for more information.

Weir Minerals

trio@mail.weir  
www.global.weir

Copyright © 2019, 2021, Trio Engineered Products, Inc. All rights reserved. The trademarks mentioned in this document are trademarks and/or registered trademarks of companies forming part of The Weir Group PLC. WMD0988/202109