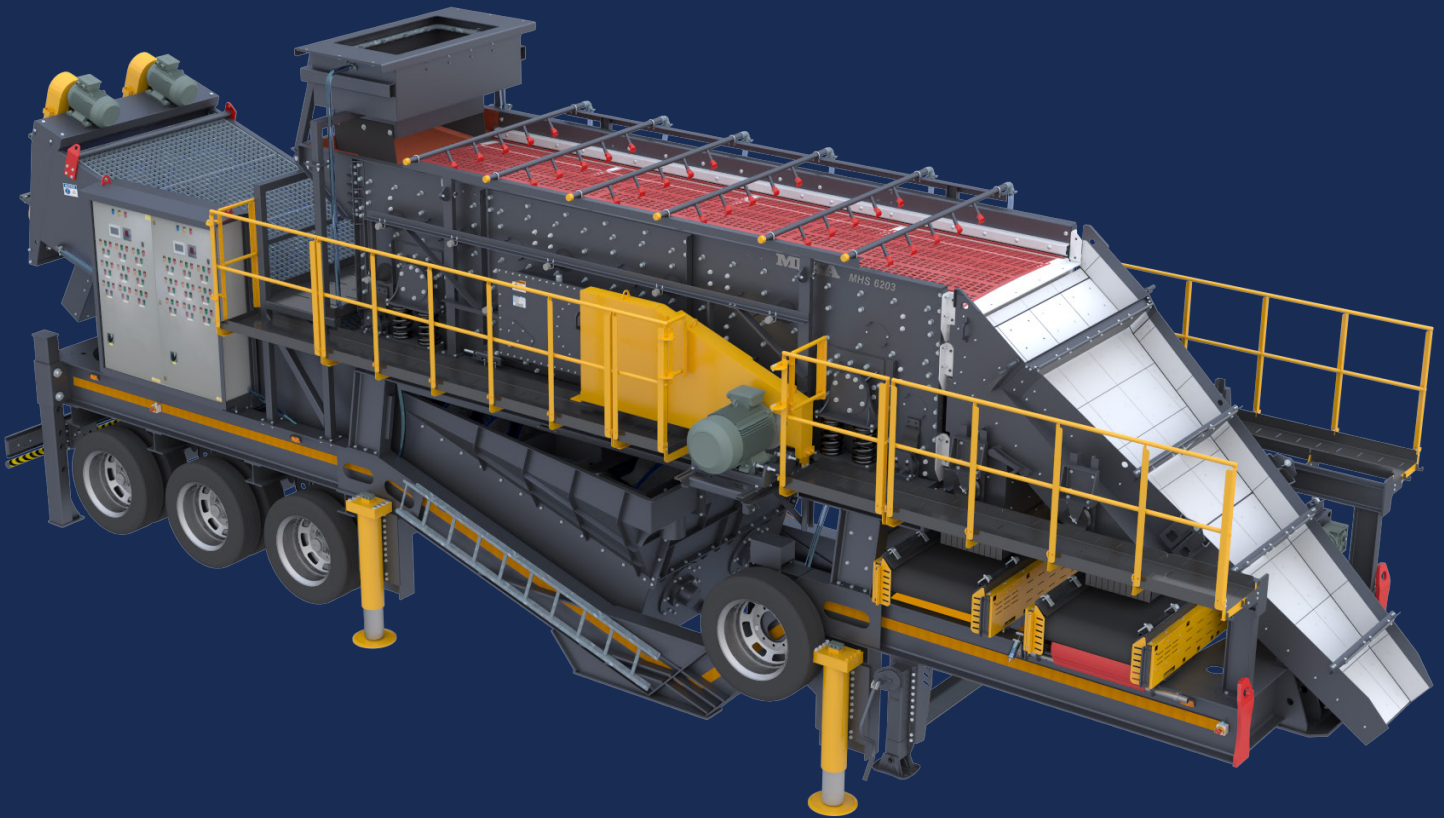


PORTABLE HORIZONTAL WASH PLANT MPWP 6203



MEKA

www.mekaglobal.com

OVERVIEW

For the ultimate in portable screening and washing on a single chassis, the MEKA MPWP 6203 portable wash plant stands out as the premier choice. This wash plant features the MEKA MHS 6203 horizontal screen, which is equipped with spray bars for material washing on all three decks. The feed box and under-screen collection flume are also fitted with spray bars to keep material moving efficiently.

Additionally, the screen is complemented by the MEKA MFW3625D twin screw fine material washer for the removal of excess fines.

This setup allows for the simultaneous production of four different products: three washed and sized aggregate products and a sand product from the fine material screw washer.

MFW 3625D Fine Material Washer
Dimensions : Ø917 mm (36") x 7620 mm (25')
Drive : 2x15 kW (20 hp) motor

Folding slurry box to
pre-wet feed material
(AR-400 liners)

Washing nozzles at each decks

HORIZONTAL SCREEN
Dimensions : 1930 mm (6'-4") x 6096 mm (20')
Drive : 30 kW (40 hp) motor
Drive Type : Triple Shaft Exciter

Flop gate system roll away
chute: 4 blending gates for top
and middle decks

Electrical Panel
(Optional)

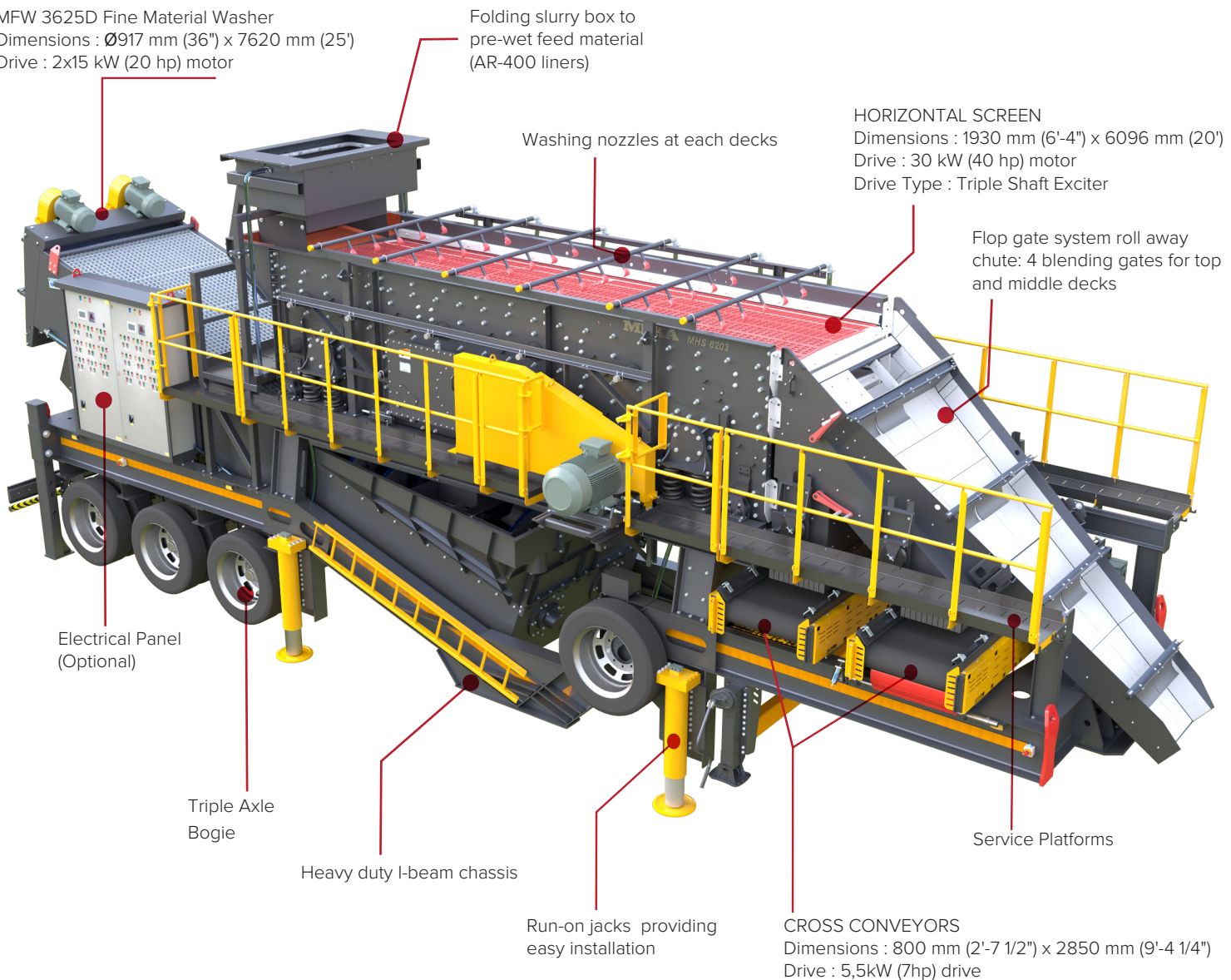
Triple Axle
Bogie

Heavy duty I-beam chassis

Run-on jacks providing
easy installation

CROSS CONVEYORS
Dimensions : 800 mm (2'-7 1/2") x 2850 mm (9'-4 1/4")
Drive : 5,5kW (7hp) drive

Service Platforms



APPLICATIONS / FEATURES

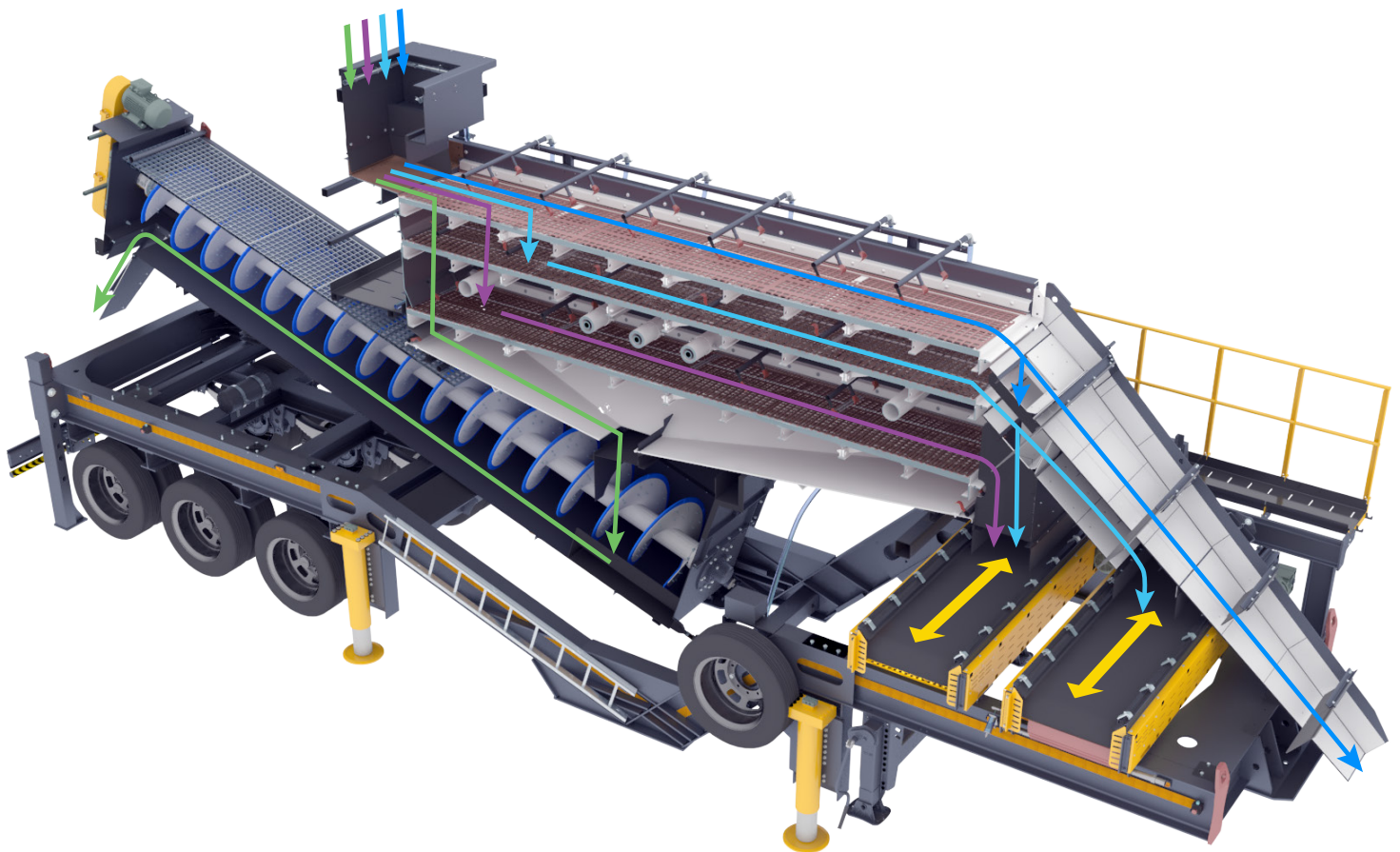
MEKA MPWP 6203 can be used in various industries and provide key features as followings,

APPLICATIONS

- Construction and Demolition: Cleaning and recycling construction aggregates.
- Mining: Washing minerals and ores to remove impurities.
- Aggregate Production: Processing and cleaning sand, gravel, and crushed stone.
- Recycling: Washing and separating recyclable materials from waste streams.
- Environmental Remediation: Cleaning contaminated soils and materials.
- Concrete Production: Preparing clean aggregates for concrete mixing.

FEATURES

- Horizontal Triple-Shaft Screens: Provide accurate screening and efficient material separation.
- Comprehensive Spray System: Ensures thorough washing and cleaning of materials.
- Twin Dewatering Fine Washers: Efficiently remove unwanted fines and enhance product quality.
- Strategically Placed Nozzles: Facilitate effective material scrubbing and cleaning.
- High Capacity Fine Washers: Deliver clean, fine aggregates for superior product quality.
- Chutes and Cross Conveyors: three washed and sized aggregate products and a sand product from the fine material screw washer.



Material Size

x

2x

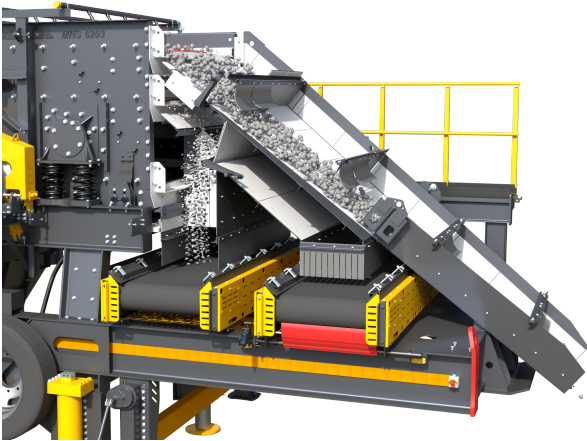
3x

4x

OUTSTANDING FEATURES

FRONT DISCHARGE CHUTE

Flop gates system - 4 blending gates for top and middle decks

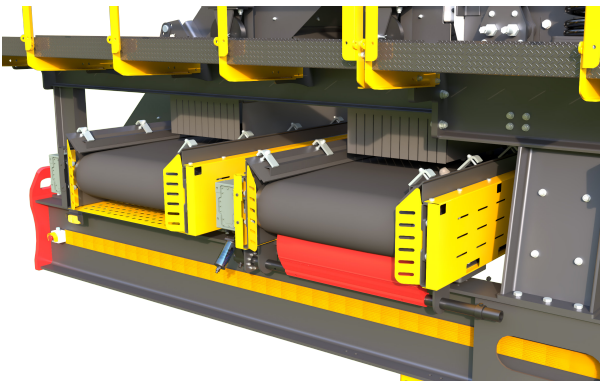


Roll away chutes system

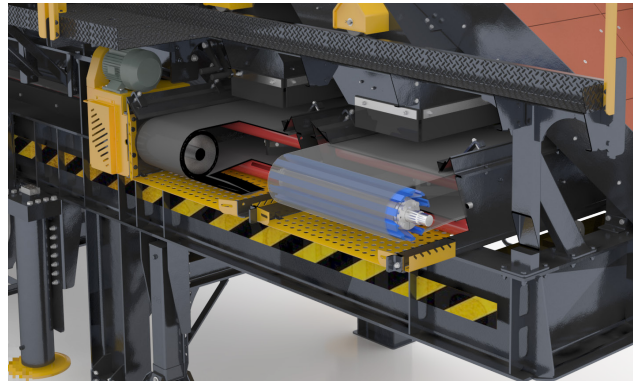


CROSS CONVEYORS

Reversible Cross Conveyors with Scraper

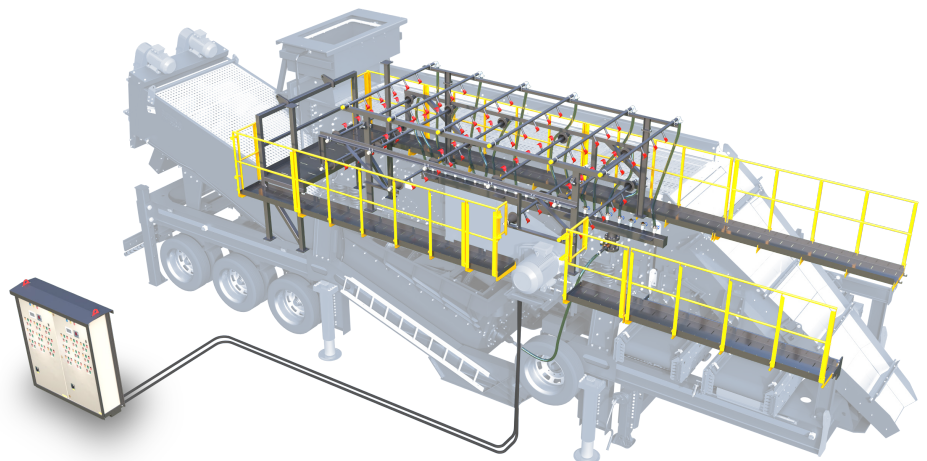


Wing Type Tail Drum for Cross Conveyors



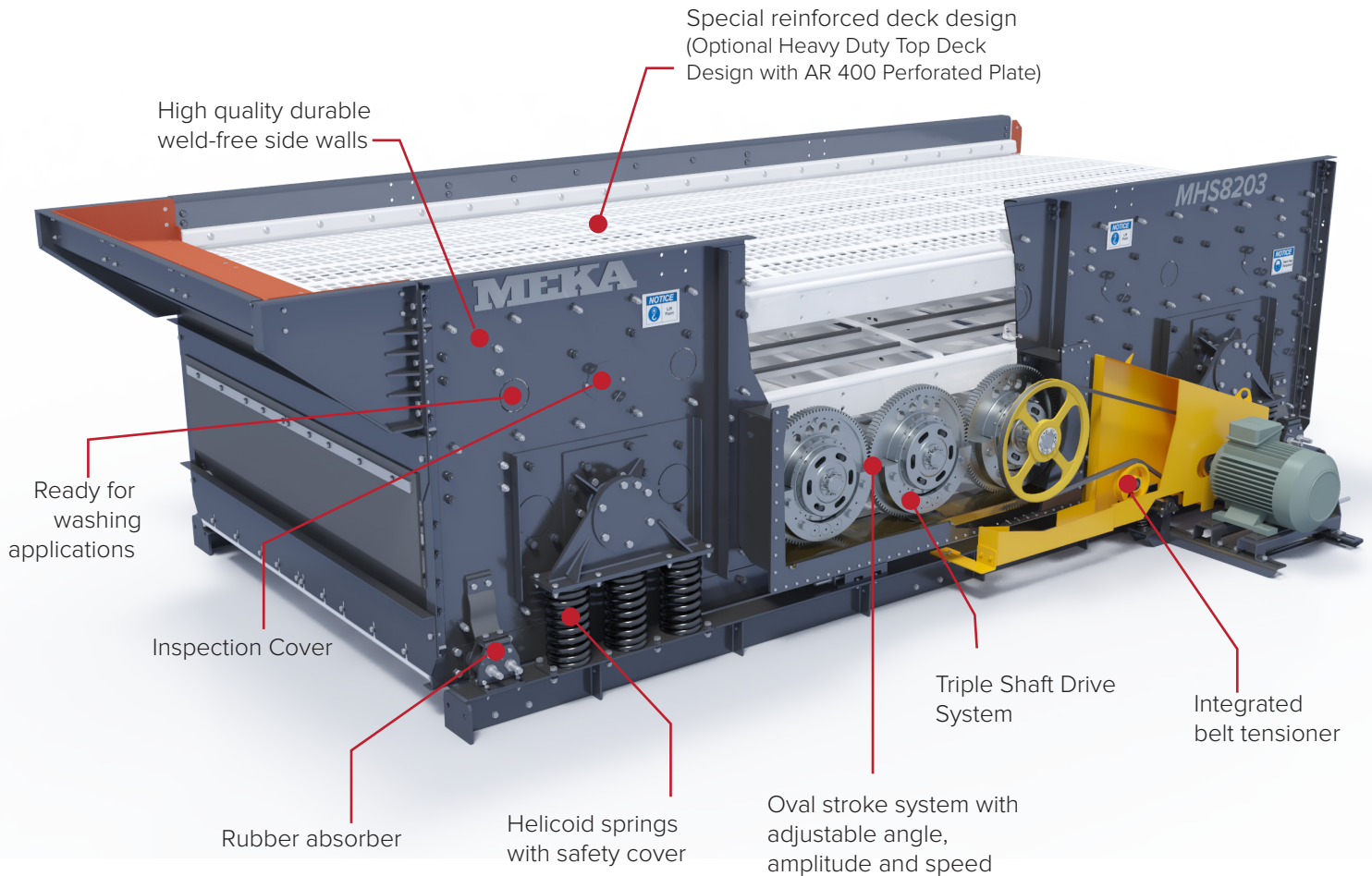
TRIPPLE AXEL MOBILE CHASSIS

- Walkway around entire screen
- Two Access Ladders
- Washing nozzles at each decks
- 2 crank style landing jacks
- Move away control panel
- Under Screen Discharge Chute with Rubber Cover



OUTSTANDING FEATURES

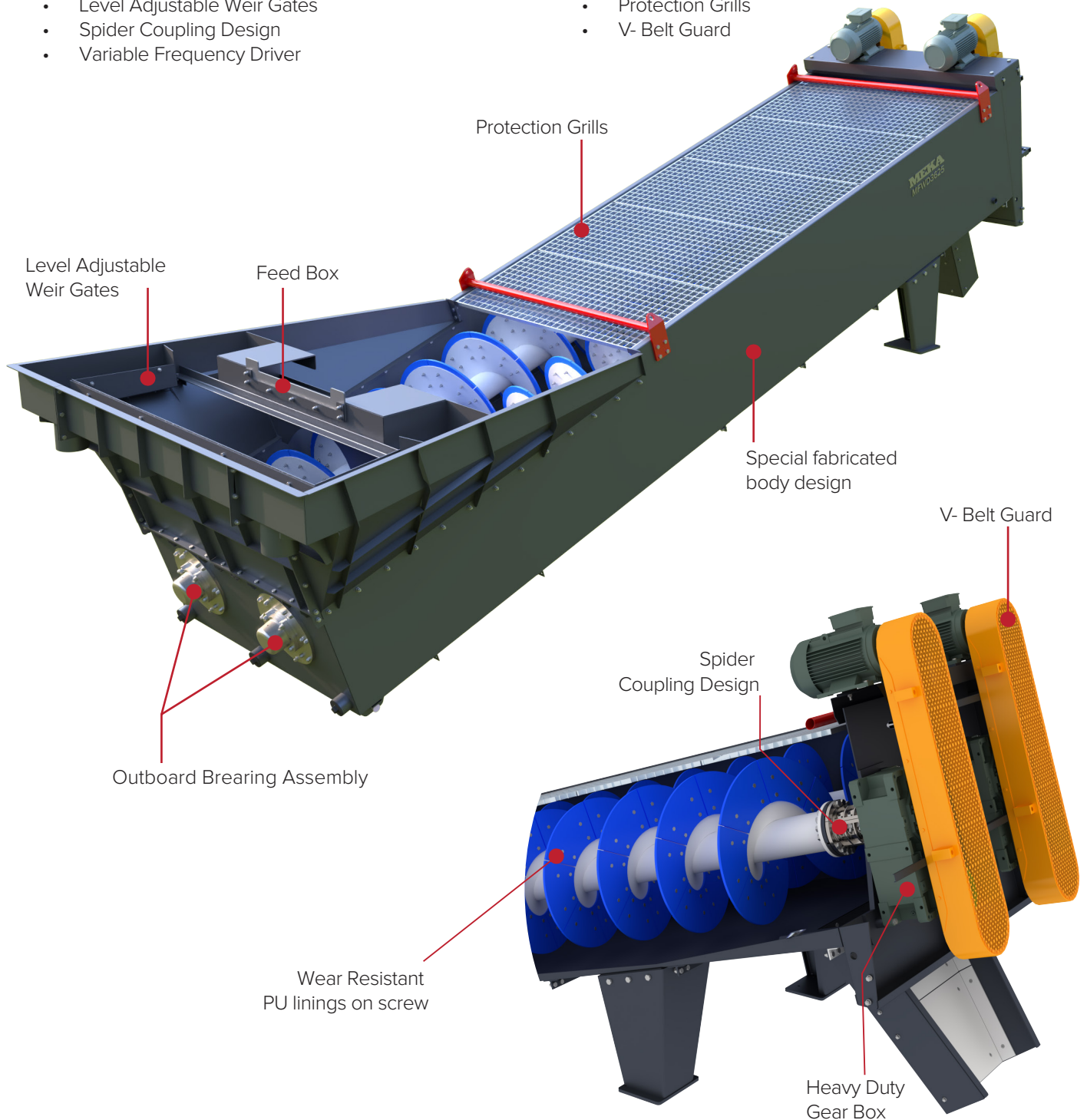
- SKF/FAG Special Screen Bearings
- Special fabricated reinforcement deck design
- Rubber absorber
- Oval stroke system with adjustable angle, amplitude and speed
- Helicoid springs with safety cover
- 3 decks
- High quality and durable weld-free side walls
- Huck-bolted assembly side walls
- Spring load belt tension idler
- V- Belt Guard



OUTSTANDING FEATURES

- SKF/FAG Special Screen Bearings
- Special fabricated body design
- Heavy Duty Gear Box
- Thick Walled Screw Shaft
- Level Adjustable Weir Gates
- Spider Coupling Design
- Variable Frequency Driver

- Rising Current Manifold
- Wear Resistant PU linings on screw
- Feed Box
- Outboard Brearing Assembly
- Protection Grills
- V- Belt Guard



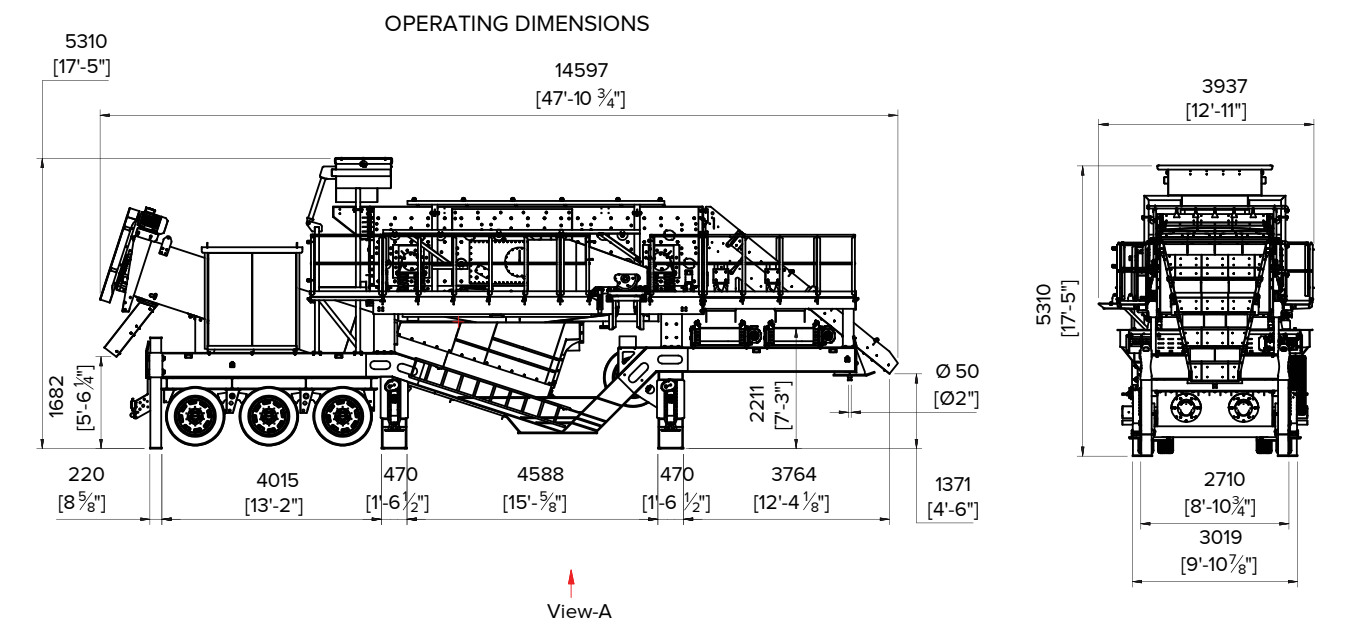


TECHNICAL SPECIFICATIONS

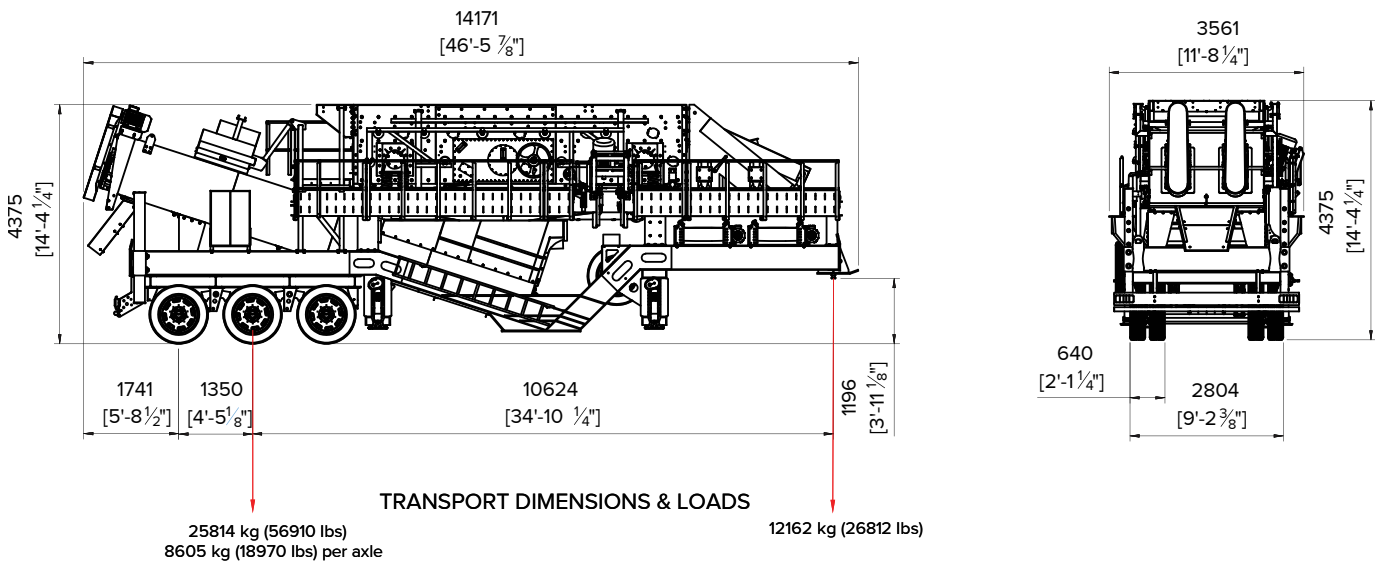
MODEL	MPWP 6203	
SCREEN		
Model	MHS 6203	
Width	1930 mm	6'-4"
Length	6069 mm	19'-11"
Decks	3 Decks	3 Decks
Motor Power	30 kW	40 HP
Water Consumption	150 (m3/h)	600 (pgm)
WASHER		
Model	MFW 3625D	
Screw Diameter	Ø 917 mm	36"
Length	7620 mm	25'
Working Speed	21 RPM	21 RPM
Working Angle	18 °	18 °
Motor Power	2x15 kW	2 x 20 HP
Water-100 Mesh	284 (m3/h)	1250(gpm)
Water-150 Mesh	146 (m3/h)	640(gpm)
Water-200 Mesh	82 (m3/h)	360(gpm)
CROSS CONVEYOR		
Model	MC 1200X8000P	
Belt Width	800 mm	31.5"
Length	2850 mm	112"
Motor Power	5,5 kW	7 HP
tor Power	1,6 m/s@50 Hz	2 m/s @60Hz
TRANSPORT DIMENSIONS		
Length	14171 mm	46'-6"
Width	3561 mm	11'-8"
Height	4375 mm	14'-4"
Total Weight	37976 kg	83,699 lbs
Axle Load	25814 kg	56,894 lbs
King Pin Load	12162 kg	26,8005 lbs
OPERATING DIMENSIONS		
Length	14599 mm	47'-11"
Width	3937 mm	12'11"

STANDARD DIMENSIONS AND TECHNICAL SPECIFICATIONS

Working dimensions



Transport dimensions



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MEKA has a global capacity with more than 80 engineers, nearly 500 employees and experience of producing more than 4000 complete plants. With 5 separate production facilities and a worldwide service network, it is a reliable manufacturer.

With its after-sales service network and strong infrastructure in spare parts, MEKA does not only produce equipment or plants, but also offers you the comfort of predictable production and uninterrupted earnings.





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