

## Specifications attachments:

### **EZ-SCREEN™ 1000XL PORTABLE SCREENER** **December 4, 2025**

#### **FEATURES:**

- Frame is constructed of structural tube steel which reduces vibration, decreasing susceptibility to cracks and structural failure that is common with C-channel often found on inexpensive screeners
- All EZ-Screen surfaces are a durable ***baked powder coat finish***
- Loading bucket size range up to an 8' wide bucket. Matched to work with 1h to 1-½ yard loaders. Inside access for bucket 9'4" Feed height at hopper 8'3"
- Double deck 6'x 5' Screen Box with end tensioned screens
- KOHLER™ KD15-440 single cylinder air-cooled diesel engine, 10-HP with hour meter and electric start as standard
- Fully enclosed, lockable engine compartment and starter panel
- Duracell™ "AGM" battery for long life in a vibratory environment
- Patented non-hydraulic EZ-Kinetic Screen Drive
- Dual-stage air filter system with pre-cleaner
- Tow hitch has safety chains, 7,000 lb. capacity jack, break-away controller and can be equipped with either 3" lunette ring or 2-5/16" ball hitch option available  
Sealed wiring harness for legal towing
- 6,000 lb. capacity axle on rear with EZ-Screen exclusive hand activated pivoting Assembly with electric brakes.
- 225/75 R15 "E" range 8 ply trailer tires plus detachable mudflaps
- High-speed 5-lug bolt pre-greased hub set
- Dimensions: 13' 3-3/4" x 5' 8" x 8' 3" (4.06m x 1.72m x 2.52m)
- Overall weight: 5,462 lb. (2,477.52 kg)

***Made in USA***

## **SCOPE OF WORK**

### **Rock and Dirt Screen.**

#### **Job Description:**

The equipment will screen rail rocks from dirt or sand to be reused after cleaning for track repairs on the St. Charles and Riverfront.

#### **Scope:**

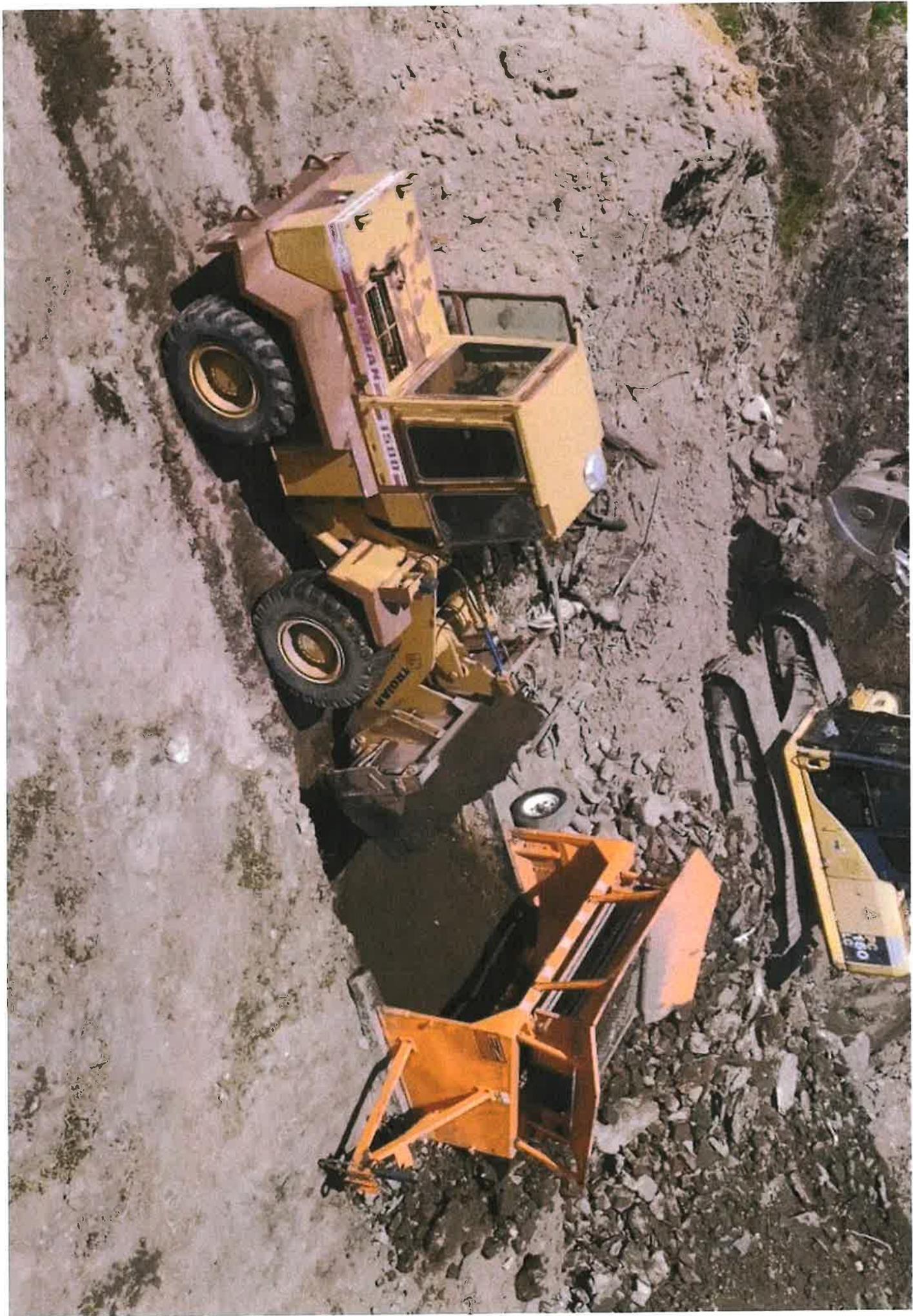
Contractor shall furnish all necessary materials for equipment. Double deck 6'X5' screen box with end tensioned screens. Duracell AGM battery for long life in a vibratory environment.

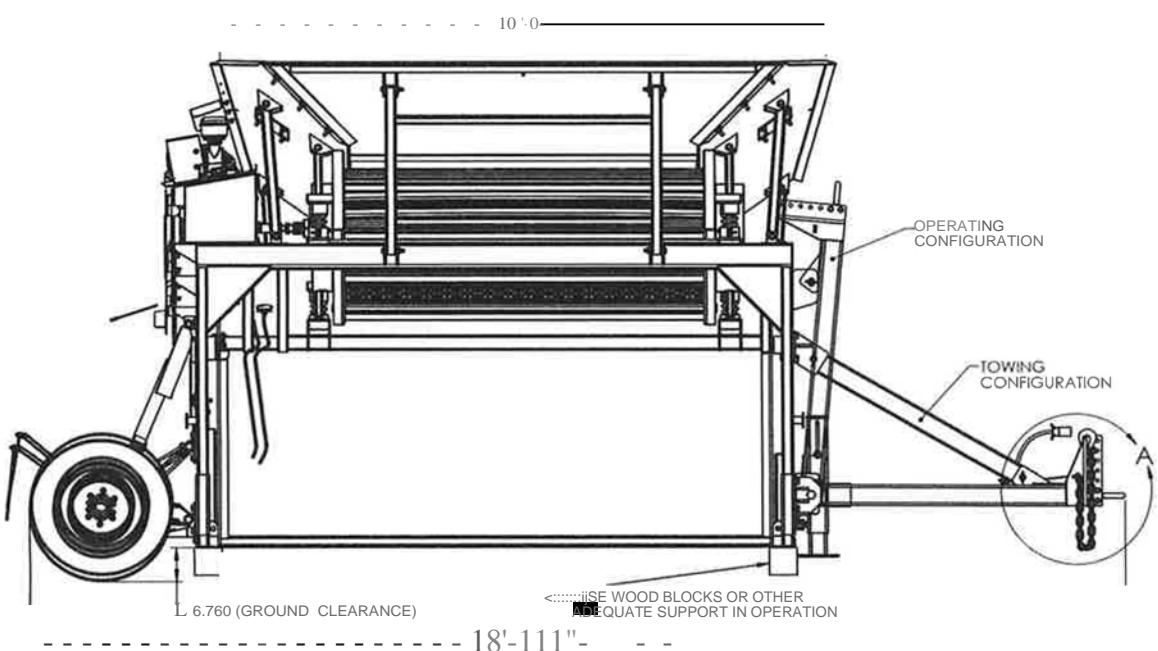
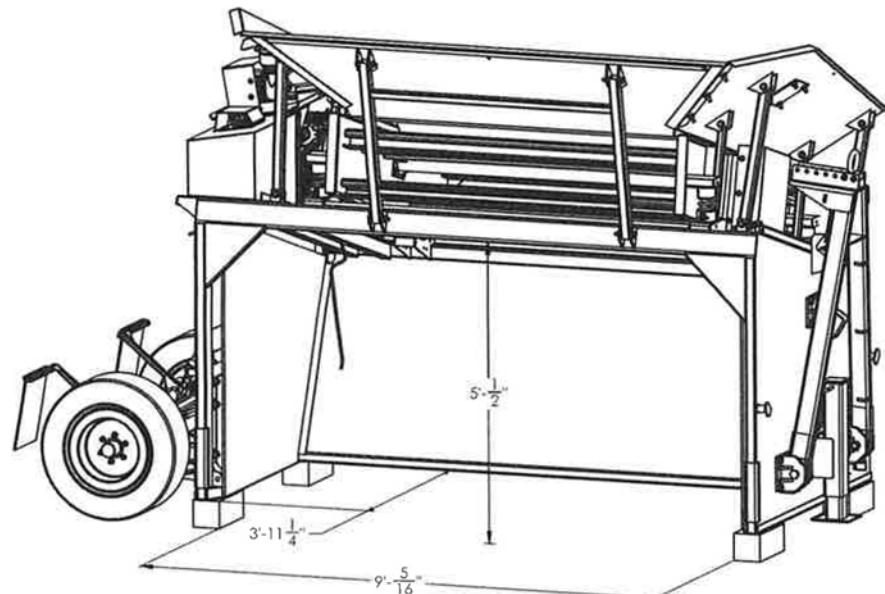
Tow hitch has safety chains, 7,000 lb. capacity jack, break-a-way controller and can be sealed with harness for legal ring or 2-5/16" ball hitch option available. Kohler KD15-440 single cylinder air-cooled diesel engine. 6,000 lb. capacity axle on rear with screen exclusive hand activated hand activated pivoting assembly with electric brakes. Dimensions 13" 3-3/4 X 5' 8" X 8' 3" Overall weight 5,462 Lb. (2,477.52 Kg)

#### **General Notes:**

- **Contractor shall apply for and pay for all necessary permits.**
- **Contractor job site shall be maintained clean and free from debris doing vegetation applications.**
- Contractor shall bear the cost of repair of any Utility damage or Rail damage during applications.

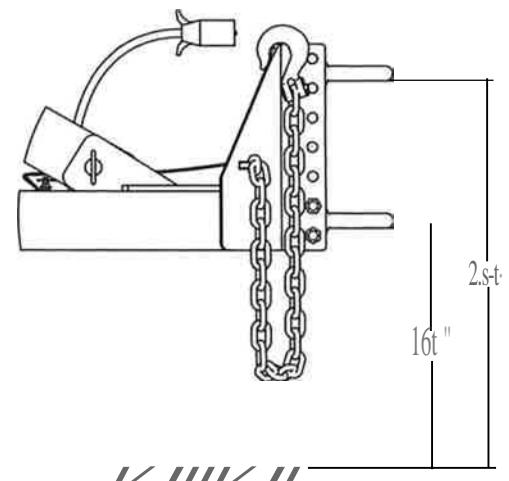




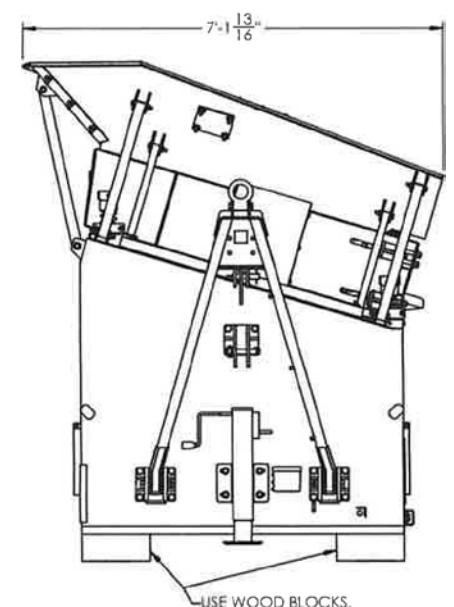


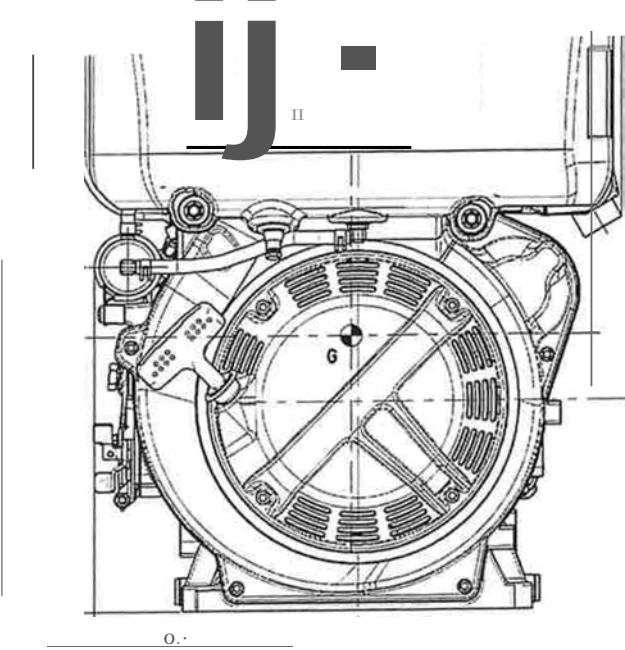
**PINTLE HEIGHT**

**ADJUSTMENT  
RANGE**



DETAIL A

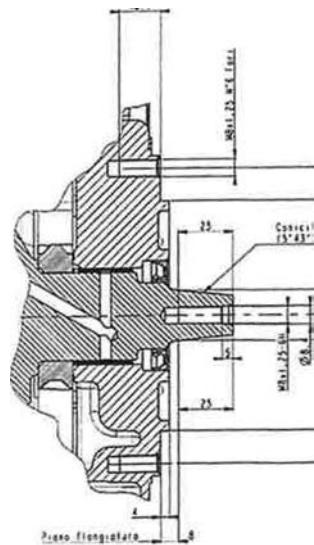
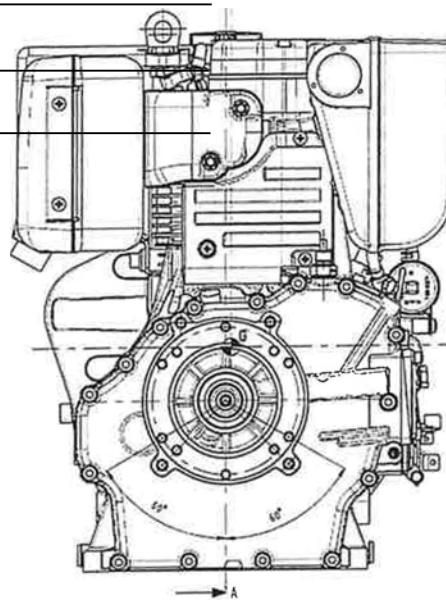




3600	6.8	1.7
3000	6.2	1.5

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NB Power- ISO 3046/1 -IF-N NA Power-

ISO 3046/1 -ICXN

MN Torque - (Nm)

C Specific Fuel Consumption - (kg/h)

### Output Power for Fixed-Speed Application (Including Generators)

Model	KD350	KD420	KD440	KD625-2
Gross Power @ rpm	6.1 (4.6) @ 3600 rpm	9.1 (6.8) @ 3600 rpm	9.1 (6.8) @ 3600 rpm	22.1 (16.5) @ 3000 rpm
Maximum hp (kW)				
Displacement cu in (cc)	21.3 (349)	27 (442)	27 (442)	76.2 (1248)
Bore in (mm)	3.2 (82)	3.4 (86)	3.4 (86)	3.7 (95)
Stroke in (mm)	2.6 (66)	3 (76)	3 (76)	3.5 (88)
Cylinders		1		2
Torque @ rpm ft lb (Nm)	8.9 (1.2.2)	13.2 (18.0)	13.2 (18.0)	38.7 (52.5)
Compression Ratio	21.0: 1	19.8: 1	19.8: 1	19.5: 1
Dry Weight lb (kg)	72.7 (33)	99.1(45)	99.1(45)	253.8 (115)
Oil Capacity U.S. qt (L)	1.3 (1.2)	1.6 (1.5)	1.6 (LS)	2.8 (2.6)
Lubrication		Full pressure with full-flow filter		
Dimensions L x W x H in (mm)	15.7 x 18.4 (328 x 399 x 468)	20.2 x 16.2 x 20.3 {513x412x516}	20.2 x 16.2 x 20.3	24.9 x 22 x 23.6 (633 x)
Internal dynamic balancer	<b>Popular Factory Options</b>			SAEJ609a ext 7, 9, 6, 3 and 4 intergral crankshaft options with type a & b mounting flanges
24 V electric start	Fuel lift pump			Extended wiring harness
Accelerator and stop remote control	Oil temperature switch			
Key start panel with shutdown device	Glow plug on intake manifold			

- 4-stroke Air-Cooled Diesel Engine
- SAE J609a Flange B
- Counterclockwise Rotation
- Direct Injection
- Full-Pressure Lubrication
- Centrifugal Mass Governor

- Oil-Breathing Blow-By with Safety Device
- Automatic Extra-Pue I Starting Device
- Self-Bleeding Fuel System
- Torque Regulator
- Automatic Compression Release

- Aluminum Cylinder Head
- Mounting Feet
- Hydraulic Valve Lifters
- EGR System

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- Built-in Full-Flow Oil Filter
- 4-Stroke Air-Cooled Diesel Engine
- Directnjection • Flywheel Fan Air Cooling e Mechanical Fuel Pump
- Full-Pressure Lubrication
- Die-Cast Aluminum Crankcase with Integral Cast-Iron Cylinder Liner

### **Standard Features - Multi Cylinders**

#### **3-Year Limited Warranty**

#### **Standard Features - Single Cylinder**

- Full-Flow Oil Filter

- Automatic Extra-Fuel Starting Device
- Variable-Speed Governor
- Aluminum Crankcase
- 12 V Electric Starter

- Counterclockwise Rotation (From Side)
- Aluminum Alloy Independent Heads
- Power Takeoff on Crankcase
- Reborable Independent Cast Cylinders