

## BM X3™ Power Eraser

The BM X3™ is an extremely fast triple head eraser that attaches to any skid loader, tractor or truck body for removing striping, curing compounds and more while leaving the road in a natural condition. Powered by gas, diesel or hydraulics, the BM X3 allows a single operator to remove from 2,5 cm to 50,8 cm wide when engaging the swivel attachment. The BM X3 is a versatile, full-featured eraser that grows as your needs grow with additional units inline for faster removal or offset for wider removal.

## How the BM X3 Power Eraser works:

After the operator positions the BM X3 over the working area, the unit is elevated, started and then lowered to the surface while moving forward for removal. The BM X3 consists of three interlocking components, the three removal tool assemblies in the lower frame, the power source on the upper frame and the mounting attachments with three adjustable positive pressure springs with 4 wheel heavy-duty chassis. The cutting tools are powered by three spindle head assemblies outfitted with three proprietary carbide pin removal tools (steel, wire, diamond, multi-pin carbide strip or mini-bit planers are optional removal tool choices). The supplied 9 total Erasers are held at a fixed angle to the road surface, permitting a simultaneous vertical and horizontal floating removal action. This Erasing action feathers the substrate edges with a rolling action while leaving the surface in a natural condition. The BM X3™ works extremely efficient by breaking the coating and scraping across it simultaneously, leaving a smoothed beveled edge. It eliminates the grooving pattern or "ghost line" normally associated with the flail cutter drum style machines that rely solely on scraping or striking. The BM X3™ incorporates a unique suspension to keep the Erasers parallel and at the preset height from the removal surface regardless of road irregularities

## The BM X3 Power eraser is optimized for:

- Complete line erasure with minimum surface damage. Proprietary floating cutting tool design promotes feathered edges.
- Surface preparation (prior to traffic marking application). Complete family of surface preparation tooling available.
- High thru-put traffic marking erasure (thermoplastic, tapes,

paints, epoxies and other coatings)

- Throughput with speeds up to 3140 m/hour per unit
- Clean surfaces impacted with grease, oil, plastics, tars, resins, tile adhesives and ice
- Scarify for skid resistance applications.

## Specifications:

BM X3™ Power Eraser: triple planetary head stripe and surface-prep "no-groove" removal system from 10cm 20 cm (with pivot engaged). Powered by a 24 HP Honda gasoline engine (optional diesel or hydraulic motors) driving a rugged long lasting belt drive three spider spindle mounts each outfitted with a variety of removal tools (see removal tool options) with adjustable removal height for accurate controlled removal and heavy-duty frame with casters for width control, material containment shroud safety shields and interlocks with vacuum port complete with universal skid-loader (optional side-mounting) mounting brackets.

- Width of removed line: Up to 50,8 cm wide
- Working distance: 28 cm to vertical face
- Dimension w/o mount 87 cm W x 105 cm L x 69 cm H
- Weight: 263 kg. (w/o mounting bracket) -
- Engine: Honda 24 HP 4 stroke, gas engine (optional diesel and hydraulic motors)
- Fuel consumption (gas): approx 3,8 l / hour
- Approx Working speed: 1,6 -8 km / hour
- Removal tool life (approx.): up to 7432 m<sup>2</sup> (set of 9 - 144-carbide pin erasers)

## Specifications are subject to change without notice.

## Standard Equipment:

- Set of three (3) 48 pin tri-cut rotary bit erasers
- 24 HP Honda gas engine w /electric start
- Rugged long lasting belt drive
- Three spring loaded depth and level adjusters
- Material containment shroud
- Sealed drive bearing system
- Rotary carriage to increase cutting path to 50,8 cm
- Dual Vacuum port
- Heavy-duty frame with 4 casters
- Floating terrain following suspension
- Universal adapter mounting plate
- Safety shields
- Bushed spindle for road surface compliance.

- Sliding arm with mounting bracket

## Power Sources:

- Diesel engine
- Hydraulic Motor (200 bar, 100 l / min.)

**BM X3 can be supplied with a variety of optional equipment and removal tools as well as accessories.**

