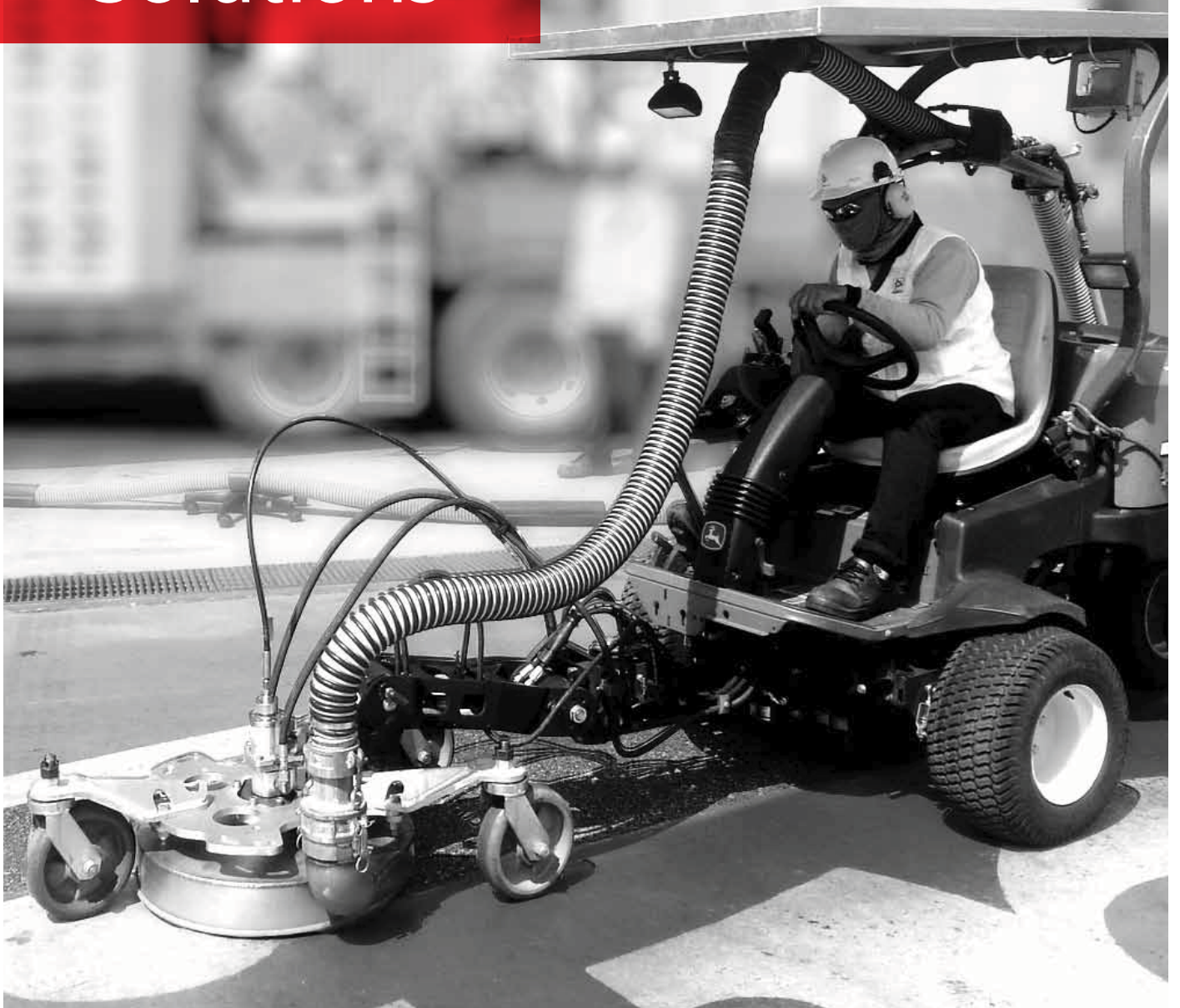


Complete Innovative Pavement Solutions



SAMWOH

Innovate

Sustainable

Ultra High Water Pressure Road Marking Removal Machine



FEATURES & BENEFITS

Highly Effective
100% Removal Rate

Highly Productive
14x Faster

Environmentally Friendly
No Dust Generated or Chemicals Used

Immediate Turnover
No Grooved Lines/Damage to Road Surface and No Foreign Object Debris (FOD)

Multi-Application
Road Marking Removal
Runway Rubber Removal
Paint/Oil Spillage Cleaning & Removal
Road Retexturing
Surface Preparation
Curing/Compound Removal

ULTRA-HIGH PRESSURE WATERBLASTING SK 3000

TECHNICAL SPECIFICATIONS:

Operating Pressure
40,000 PSI (2750 Bar)

Flow Rate
6 gpm (22.7lpm)

Freshwater Capacity
1,000 gallons (3,785 litres)

Debris Tank Capacity
1,200 gallons (4,542 litres)

Cutting Path
6-14" (15.2cm – 35.6cm)

Cleaning Capacity
50-140m²/hour

Road Marking Machine



FEATURES & BENEFITS

Versatile
Able to utilise:
1. Cold Paints
2. 2-Component Cold Plastics
3. Thermoplastics
4. Sprayable Thermoplastics

Fast & Productive
Up to 2.5x faster than conventional methods

Wide Application Width
4x wider than conventional methods

Consistent & High-Quality
State of the art technology for pairing of marking speed and delivery of marking material to maintain consistent paint layer thickness

ROAD MARKING MACHINE H18-1

TECHNICAL SPECIFICATIONS:

Paint System
1 – Component Cold Paint
Airless System

Drive Unit
Hydraulic Drive with Infinitely Variable Speed Adjustment

Speed Range
0-18 km per hour

Marking Width
Up to 120cm wide line in one go

Paint Capacity
2 x 220 litres Pressurised Container & 5 airless paint guns

Bead Capacity
130 litres Pressurised Container & 5 glass bead guns

Laser Road Profiler



FEATURES & BENEFITS

Complete Suite of Pavement Evaluation and Analysis for

1. International Roughness Index (IRI)
2. Pavement Condition Index (PCI)
3. Longitudinal and transverse profile
4. Automated distress classification
5. Surface Macrotexture
6. 3D and 2D Imaging
7. Rut Depth
8. Right-of-Way Imagery
9. Road Geometry

Fast & Accurate

Real-time data acquisition with integrated analysis at up to 100km/h

Versatile

Suitable for both day and night-time operations

LASER CRACK MEASUREMENT SYSTEM

TECHNICAL SPECIFICATIONS:

ASTM E950 Class 1 profiling system

Rut Depth Resolution
4160-point rutting over 4m width

Max Speed
Up to 100 km/hr

Runway Grooving Machine



FEATURES & BENEFITS

Reduced Skid Risk

Able to cut trapezoidal-shaped grooves to drain excess water off pavements quickly

Versatile

Blades for grinding or grooving can be stacked up to 38" cutting width

Accurate & Precise

1. Side to side adjustable depth control wheels for accurate cut matching

2. Manually adjusted grooving depth control wheels attached to the main frame on blade shaft

centre line for accurate depth control

Nimble & Manoeuvrable

Capable of grinding to within 10" of a vertical wall

Fast Turnover

On-board vacuum system ensures no foreign object debris remains

RUNWAY GROOVING MACHINE PC1500

TECHNICAL SPECIFICATIONS:

Bladeshaft

5in Diameter (12.7cm) with 4 draw bolts

Blade Diameter

12in (30.48cm) 14in (35.56cm)

Cutting width

38in (96.52cm)

Bladeshaft RPM

1400 rpm low range, 1900 rpm high range

Travel Speed

0-300fpm (68.58mpm)

Machine Controls

Forward/Reverse electronic

Environmentally Friendly Pavement Innovations

Reclaimed Asphalt Pavement

Asphalt milled from pavements is recycled to provide an environmentally friendly alternative to utilising virgin or raw materials.



Benefits:

- Reduce Waste Sent to Landfills
- Less Virgin Asphalt Binder Required
- Decrease Dependency on Aggregate Resource

Crumb Rubber

Rubber from recycled tyres added to asphalt road mixes, improving the overall quality of pavement.



Benefits:

- Improved Rutting Resistance
- Lessen Pavement Brittleness & Cracking
- Reduce Pavement Noise

Sedimentary Rock

Sedimentary rocks as a by-product of tunnelling and excavating works are processed to provide a granite alternative for asphalt road mixes reducing dependency on natural resources.



Benefits:

- Granite Alternative
- Reduce Stress on Local Stockpiles
- Decrease Dependency on Aggregate Resource

Warm Mix Asphalt

Asphalt is manufactured and laid at temperatures lower by up to 37°C lower than conventional asphalt allowing for better, more environmentally friendly pavements.



Benefits:

- Reduce Energy Required
- Less Greenhouse Gas Emissions
- Improved Compaction & Pavement Performance