

PROFILER & STABILISERS



AC Profilers

Power and efficiency are the hallmark of all Hydropower products and our range of profilers are no exception to this rule – from durable heavy duty Australian design to high quality compnents.

Designed for skid steers this is a robust attachment that exceeds our renowned **“Quality without compromise”** approach to design and manufacture.

Ideal for skid steer loaders we have a profiler suitable for your application.

Wide clearance between drum and inner box to reduce the likelihood of milled debris jamming the drum.

Supplied with high-pressure in-line filter to protect hydraulic motor.

Pick removing tool supplied with each profiler.

Electric over hydraulic controls on depth, tilt and side-shift functions.

“Optional profiler mounted or roof mounted water kit for dust suppression.”

Outer edge of drum and outer pick holders are hardfaced.

Door for easy access to milling drum.

Drum is supported via bearing on the opposite side to motor.

Drum fitted with self-sharpening milling picks for profiling or scrubbing. Optional stabilizing set-up also available

Nylon slide blocks fitted to side-shift plate for easy replacement.

Duo-cone seal fitted to gearbox to minimize milled material damaging seal area.

Profiler sits in six solid steel wheels when profiling for increased stability.

Cutting widths of 450, 600, 750mm & 1000mm.

TECHNICAL SPECIFICATIONS

Host Machine Size	High-Flow Skid Steer (Wheeled or Tracked)
Primary Task	Repairing Road Failures and/or Road Stabilising
Depth Control	Hydraulic - infinitely variable
Drive Mechanism	Hydraulic motor via a planetary gearbox fitted with a duo-cone seal



FEATURES AND BENEFITS

Safety	Drum housing is fully enclosed so that milled debris is contained at all depths
Wide Range	Available in widths from 450mm to 1000mm with depths up to 250mm
Easy Maintenance	Easy access to picks for cleaning
Options	Stabiliser drum and water tank



OPTIONAL EXTRA – Aluminium Water Tank (roof mounted)

AN ILLUSTRATION OF HOW ONE MAY IDENTIFY WHICH MODEL PROFILER WOULD SUIT A SPECIFIC HOST MACHINE

ATTRIBUTE	450mm Wide x 150mm Deep	450mm Wide x 200mm Deep	600mm Wide x 200mm Deep	750mm Wide x 200mm Deep	750mm Wide x 250mm Deep	1000mm Wide x 200mm Deep	1000mm Wide x 250mm Deep
Part No.	92AC450/15	92AC450/20	92AC600/20	92AC750/20	92AC750/25	92AC10000/20	92AC10000/25
Hyd. Flow Rate	90 - 130 litres per minute	100 - 170 litres per minute	100 - 170 litres per minute	100 - 170 litres per minute	100 - 170 litres per minute	100 - 170 litres per minute	100 - 170 litres per minute
Hyd. Pressure	170 - 220 bar (2,465 - 3,190 psi)	206 - 345 bar (2,988 - 5,004psi)					
Min. Hyd Power (Hotmix Milling)	30kW (40 hp)	34kW (45 hp)	48kW (65 hp)	55kW (74 hp)	55kW (74 hp)	63kW (85 hp)	63kW (85 hp)
Transmission	Planetary Reduction Gearbox with Duo-Cone Seal						
Side Shift	610-710mm (24 - 28")	710-760mm (28 - 30")					
Tilt	15°	15°	10°	10°	10°	10°	10°
No. of Picks	48	56	70	70	96	100	110

92TS TRACTOR STABILISER

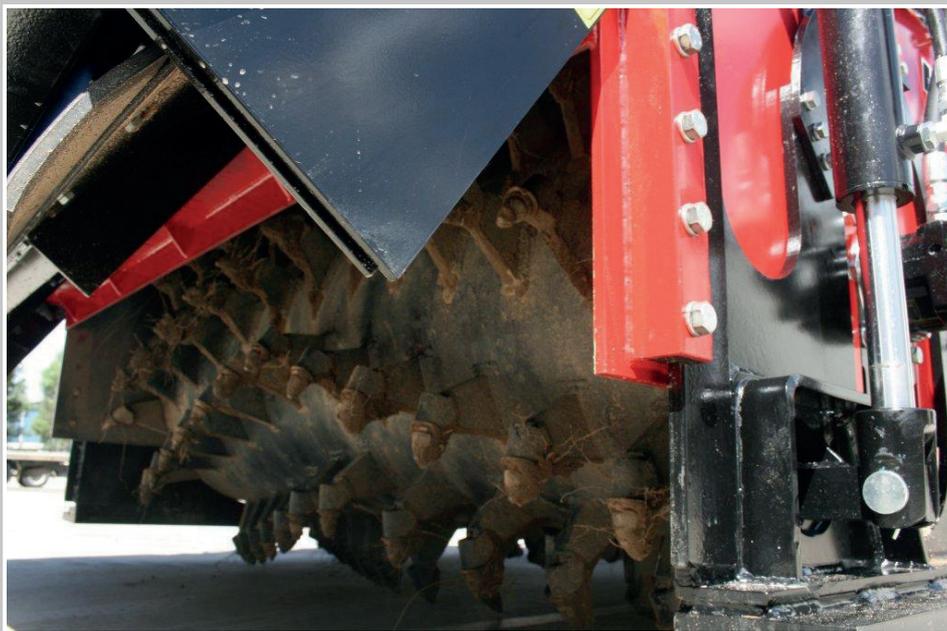
- Suits minimum 84 KW (115 HP) tractor with creeper gear.
- Stabilises 1800mm wide x 300 mm deep (other widths available).
- Ideal for working on country roads.
- Capable of travelling between jobs at 40 km/h
- Built in, closed loop hydraulic circuit, including oil cooler and comprehensive filtration, with pumps driven off tractor PTO.
- Hydraulically operated height adjustment.
- 120litre Hydraulic oil tank
- Hydraulically operated rear covers to ensure cutting area covered at all cutting depths.



Tractor Stabiliser (1800mm wide, 300mm deep)

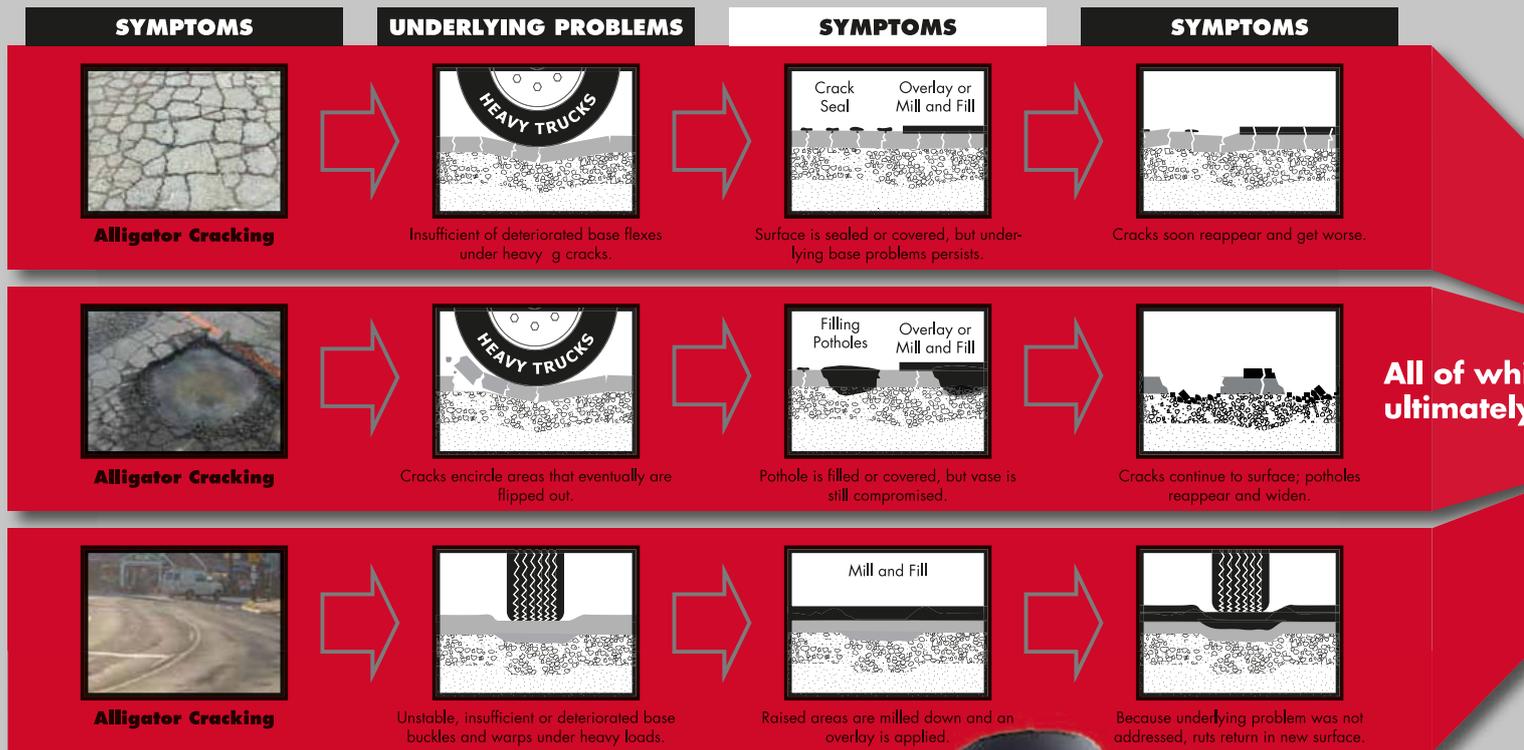


Milling Drum (1800mm wide with stabilizer picks)



You can waste your time and resources doing tempo

Many common solutions to road and street problems are only temporary.



AZ-500B	4 foot	1.2 meter
Fits mid to large loaders		
Cutting Width	48"	1219 mm
Maximum Depth	12"	305 mm
Engine Type	John Deere Cummins	
Engine Size	203 hp	
Weight	8250 lbs.	3742 kg



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RECONSTRUCTION

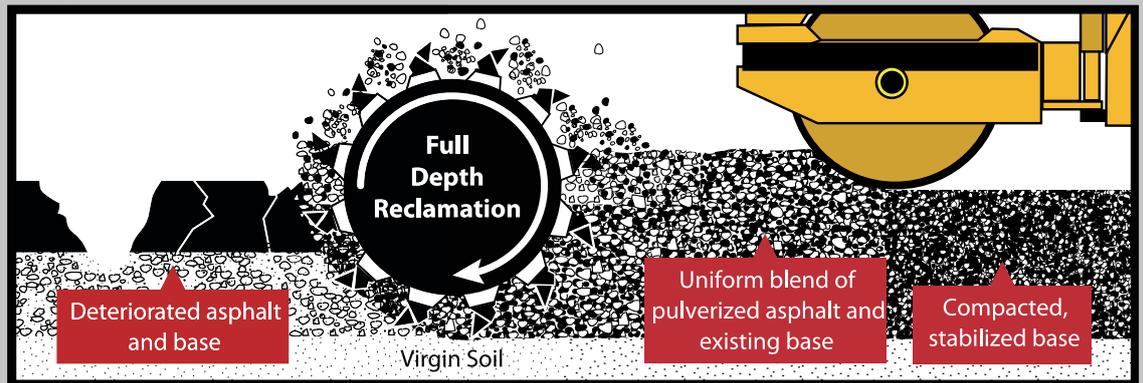
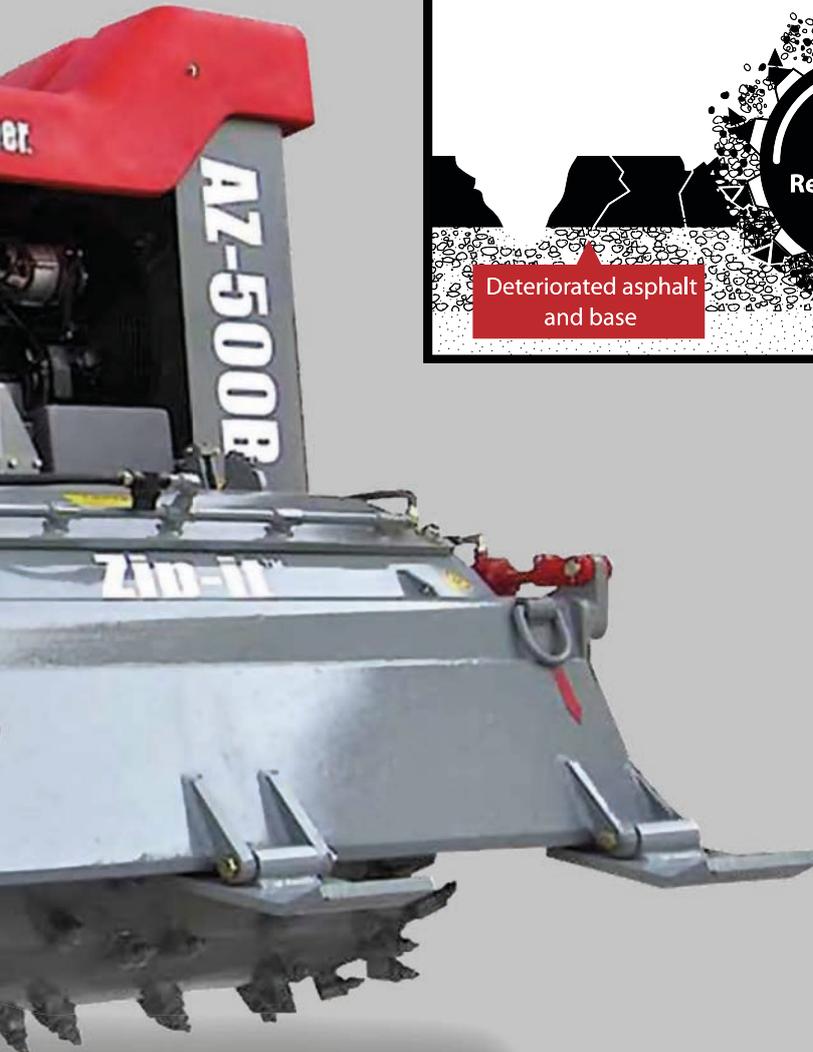
A time-consuming and expensive process



Generally, the old asphalt has to be ripped up and hauled off, the subsurface replaced with new fill, the roadbed recompactd, and the road repaved.



How Full-depth Reclamation Works



In 2005 Asphalt Zipper received the NOVA Award, the preeminent international award for innovation in construction.



"The NOVA Award is the pinnacle; it's recognized as the top award in construction worldwide."

Dr. Robert I. Carr, P.E.
Professor of Engineering
University of Michigan



"You can't beat it. We are all in the same budget crunch, and the best bang for your dollar is through a machine like this. I haven't seen anything that will equal the Asphalt Zipper. I would recommend it 150%."

Virgil Hardy
Public Works Manager
Siskiyou County, CA



"Of all the companies I have dealt with, I would put Asphalt Zipper right at the top."

Tim Dow
Superintendent
Lisbon, NY



"Until you see one at work, you won't believe what this machine will do. It will cut a road as good as any big machine I have seen, and cost-wise you can't beat it. This is one of the best pieces of equipment we have bought."

Rodney Colvin
Road Foreman
Lincoln Parish, LA



"It's really about the utilization of our manpower. It's like having a fourth or fifth or sixth guy on the crew. It is an excellent machine."

Gary Fenstermaker
Public Works Director
Snowflake, AZ



"Once you have had one, you will never want to go away from it. It's a great company. It's a great machine. These are the guys to work with."

Tad Blanton
Supervisor
Medford, OR



"It will pay for itself in a short period of time. The guys love it. They know no piece of equipment will ever take the place of a good man but this equipment helps a good man do a better job."

Mike Ackerman
Street Supervisor
Round Rock, TX

