



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.

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.

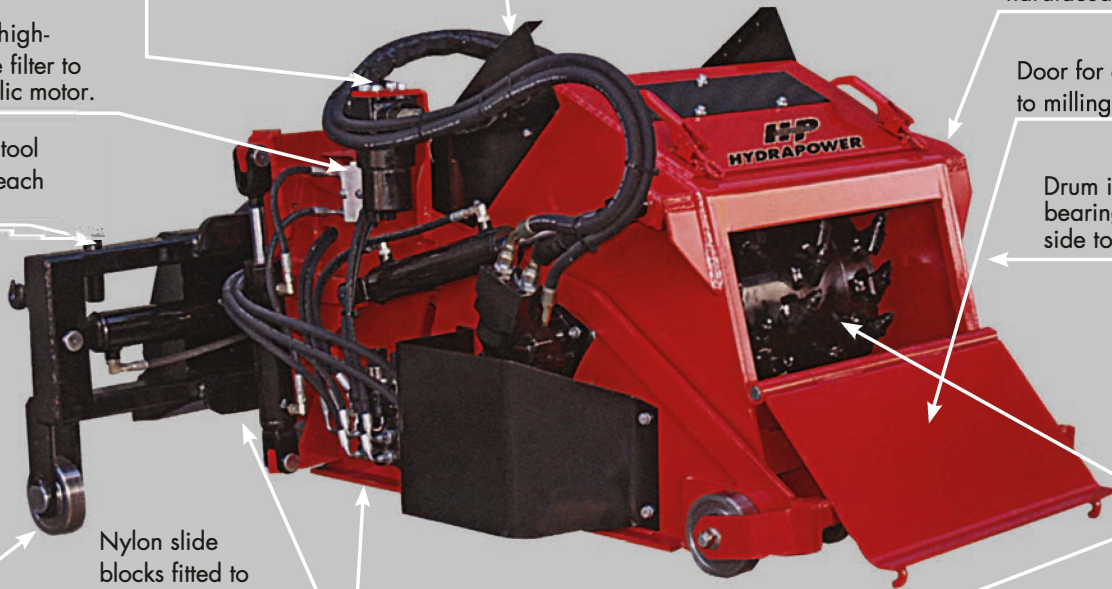
Supplied with high-pressure in-line filter to protect hydraulic motor.

Door for easy access to milling drum.

Pick removing tool supplied with each profiler.

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.

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

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



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)	206 - 345 bar (2,988 - 5,004psi)	206 - 345 bar (2,988 - 5,004psi)	206 - 345 bar (2,988 - 5,004psi)	206 - 345 bar (2,988 - 5,004psi)	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	Planetary Reduction Gearbox with Duo-Cone Seal	Planetary Reduction Gearbox with Duo-Cone Seal	Planetary Reduction Gearbox with Duo-Cone Seal	Planetary Reduction Gearbox with Duo-Cone Seal	Planetary Reduction Gearbox with Duo-Cone Seal	Planetary Reduction Gearbox with Duo-Cone Seal
Side Shift	610-710mm (24 - 28")	710-760mm (28 - 30")	710-760mm (28 - 30")	710-760mm (28 - 30")	710-760mm (28 - 30")	710-760mm (28 - 30")	710-760mm (28 - 30")
Tilt	15°	15°	10°	10°	10°	10°	10°
No. of Picks	48	56	70	70	96	100	110