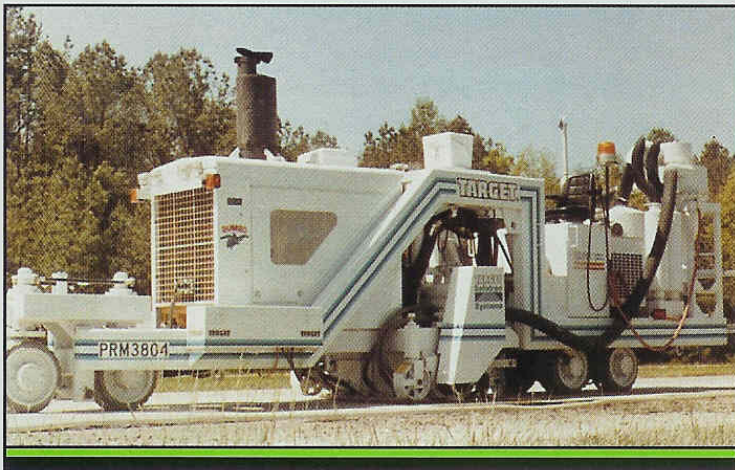


PRM 3804

SAFETRAC®



Concrete Pavement Restoration Machine for high production highway grinding

The Target PRM 3804 is the most advanced machine made for Concrete Pavement Restoration (CPR). This massive, powerful highway grinder is designed specifically for heavy production on all highways and roads, runways or taxiways. When used as part of the CPR process, the PRM 3804 can restore pavement profile to better-than-new specifications.

Every feature of this machine is engineered by Target for the very best road performance. The advanced cutting head depth control system is very accurate and easy to adjust. Hydraulic steering lets the PRM 3804 stay on a true, very precise course, while the six-wheel hydraulic drive increases traction and mobility. The powerful Caterpillar 3406DT diesel engine maintains its torque even under heavy load, but is relatively economical to operate. With lighting for day and night operation, the PRM 3804 can run round-the-clock. And the operator station provides the best possible visibility and is safely positioned away from traffic.

Millions of square yards of pavement have been rehabilitated over the years by the PRM 3804. The 38" wide grinding head can be configured for virtually any pavement grinding application. When combined with Target's job-engineered diamond blades, the PRM 3804 provides a complete grinding system. For the CPR professional, the PRM 3804 is the one choice for quality results under the heaviest applications.

For information about Safetrac grooving/grinding heads (blades and spacers) see Safetrac Blades on page 86.

PRM 3804 Specifications

Model Number	PGM 3600
Item Number	G95000003

STANDARD FEATURES:

Drive Control	Six wheel drive powered by a variable speed hydrostatic drive system.
Blade Shaft Diameter	8"
Blade Shaft Bearings	Double taper roller bearings with 2 blade key ways
Blade Shaft Drive	Heavy-duty right angle drive Twenty 5V premium V-belts Four blade key ways
Blade Control	Hydraulic cylinder raise and lower
Cutting Head	
Width:	38"
Max. Depth Removal:	1"
Blade Diameter:	14"
Blade Capacity:	170 maximum; variable, depending on aggregate hardness (approx. 50-58 blades per foot).
Blade Coolant	15-25 gpm water through 41 brass V-jet nozzles. Water safety alarm system notifies operator of low water volume with audible alarm.
Blade RPM	1450
Maximum Ground Speed	150 FPM
Slurry Pick up Discharge system	Vacuum system is powered by Perkins Model 4.154 4 cylinder, water cooled diesel. Air pump is a positive displacement, rotary lobe type. Pump is driven by 6 3V premium V-belts.
Wheels	Front: 22" Rear: 12"
Weight	42,500 lbs. (approximately, includes grinding head)

POWER SOURCE:

Engine	Caterpillar 3406DT
Specifications	6 Cylinder, 4 stroke diesel engine Third main bearing for crankshaft. Air cleaner mounted on top of engine. Oil filler tube and dipstick mounted in front of engine.
Max. Horsepower	402
RPM	2100
Displacement (cu. in.)	893
Bore (in.)	5.4"
Stroke (in.)	6.5"
Cylinder	6
Stroke	4
Service Capacities	Diesel Fuel: 195 U.S. gallons Hydraulic Oil: 55 U.S. gallons Cooling System: Caterpillar - 9 U.S. gallons Lube Oil Capacity Refill: Caterpillar - 9 U.S. gallons
Starter	Electric
Coolant	Water cooled

MACHINE DIMENSIONS:

Height	9.5'
Length	26.5'
Width	6'

Specification are subject to change without notice.

For item numbers on all engines, turn to page 98.