



MULTIQUIP



SP4030 Pavement Saw



**Precision and performance
in a compact package**



Construction Starts Here

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SP4030 Pavement Saw

The SP 4030 Series walk-behind saw showcases an array of innovative and unique engineering designs all created for operator safety and productivity.

This compact saw highlights a powerful 31HP Deutz diesel engine, fully-enclosed self-lubricating blade shaft spindle assembly, an anti-vibration console design, and a maintenance-free propulsion system.

Bladeshaft Spindle Assembly



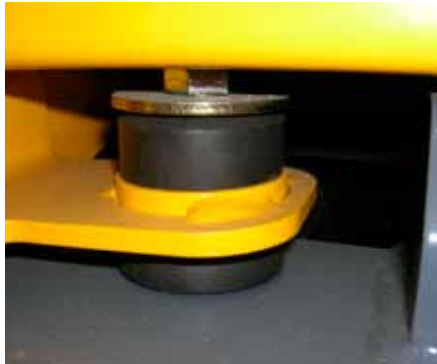
Features

- **Blade Shaft and Support Bearing Assembly is fully enclosed in a dual sealed oil bathed design.**
- **2³/₈" diameter shaft**, precision engineered bearings.
- **Machined cast iron housing.**

Benefits

- **No more greasing** — simple 125-hour maintenance oil change cycle.
- **Promotes accurate sawing and precise tracking.**
- **Resists all forms of slurry intrusion** — premature blade wear associated with common pillow-block bearings.

Vibration Isolated Console



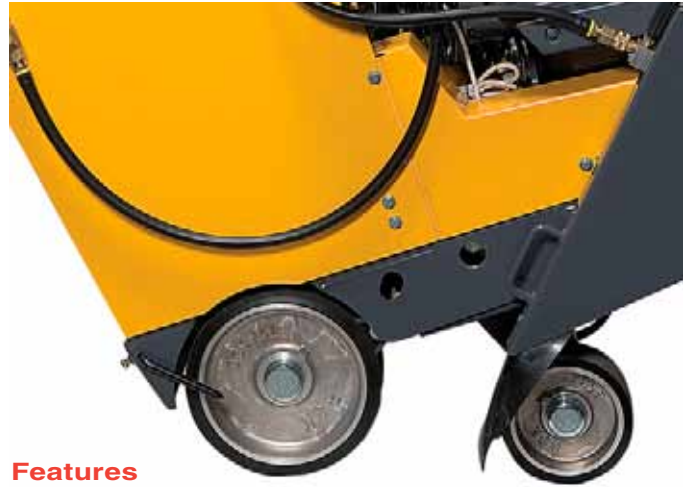
Features

- **Independent Anti-Vibration console isolators**

Benefits

- **Reduced vibration** to handlebars increases allowable operational time per OSHA specifications.
- **Reduced injuries** associated with lessened vibratory operating conditions.
- **Component longevity** of the saw is fully reached by minimizing overall operational harmonics.

Rugged Wheel System



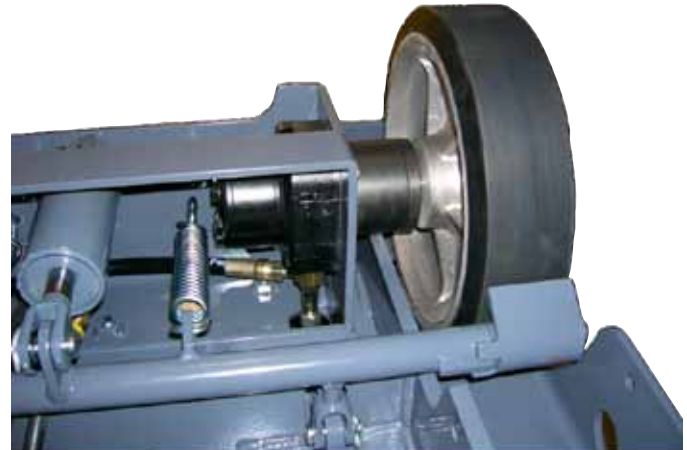
Features

- **Maintenance free** — 12" x 3" Neoprene rear wheels and 8" x 3" Polyurethane front wheels.

Benefits

- **No more greasing.**
- **Promotes accurate sawing and precise tracking.**
- **Oversided wheels** promote easy to/from job site transit.

Maintenance-Free Wheel Drive System



Features

- **Hydraulic drive** powered by a simple pump and motor design provides fore and aft propulsion. (0-275 ft. per min.)

Benefits

- **Eliminates common gears, chains, sprockets and bearings** associated with conventional drive systems.
- **Smooth, easy actuating control.**

Cutting will never be the same.

Automatic Parking Brake

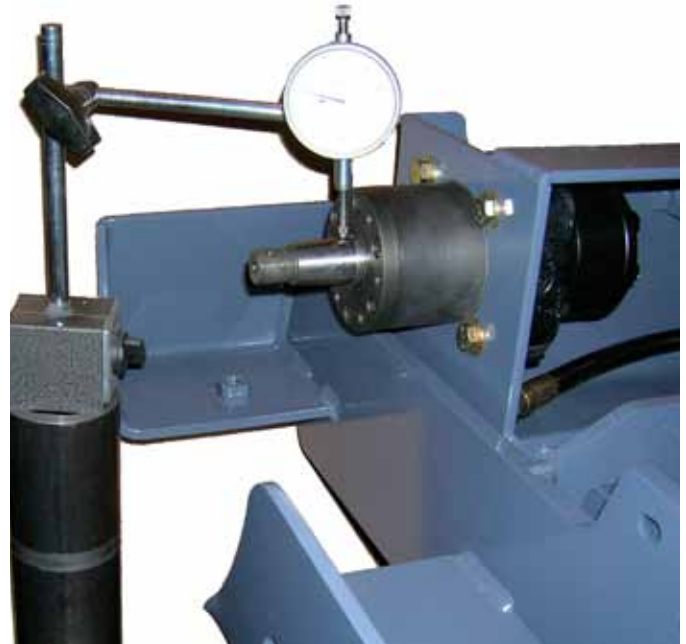


Features

- Automatic Parking Brake System with rear wheel hydraulic-spring activation

Benefits

- Increased operator safety when parked on sloped surfaces.
- No operator actuation — brakes release when engine is running and automatically engage when the engine is off.



Simple Maintenance Requirements



Features

- 125 hour Blade Spindle Assembly and 500 hour Hydraulic System maintenance cycles.

Benefits

- Increased operational time.
- Common lubricating fluids.

Blade Spindle Alignment



Features

- Precision alignment assembly procedures.

Benefits

- Superb saw tracking accuracy.
- Reduced frame harmonics.
- Promotes optimum blade life.
- Promotes optimum saw component life.

SP4030 Pavement Saw – Specifications

Blade Shaft Assembly	Dual Sealed, Full-Enclosed, Oil Bathed in Cast Iron Housing
Blade Shaft Diameter (mm)	2 $\frac{3}{8}$ " (60)
Blade Shaft Bearings	Dual Sealed, Full-Enclosed, Oil Bathed in Cast Iron Housing
Arbor Diameter in. (mm)	1" (25.4)
Blade Flanges (mm)	Quick-Disconnect System, Inner Flanges mounted to Bladeshaft
Blade Flange Diameter (mm)	4 $\frac{1}{2}$ " and 6" (114 and 152)
Drive Belts	(1) 5G 3VX-530 Multi-Groove Belt
Blade Mounting (Operations)	Left and Right Side
Max. Blade Diameter (mm)	30" (760)
Max. Depth of Cut (mm)	12" (305)
Depth Indicator	Dual Scale with Return to Depth
Blade Guard Type	Slip-On, Tapered Bayonet Mount
Blade Guard Options (mm)	16" (406), 20" (500), 26" (660), 30" (760)
Blade Raise/Lower System	Electro-Hydraulic Pump
Bladeshaft Engage/Disengage System	Electro-Hydraulic Pump
Water Control	Dual (Right/Left Side) Plumbing System
Water Distribution	Blade Right/Left Side Delivery System
Handlebars	3-Position Handlebar System
Saw Vibration Control	Console, Belt Drive Guard, and Engine Side Guard Rubber Mount
Dimensions (Pointer Up)	88" x 32" x 54"
Engine	
Engine	Deutz Diesel, Model BF2L2011
Max. RPM/HP/kW*	2800/31/23.1
Max. Torque	79 ft.lb. at 2,800 RPM
Fuel Type	Diesel
Fuel Capacity gal.	6
Air Filtration	Dual Element, Radial Seal w/Integrated Turbo Pre-Cleaner
Oil Capacity qts. (l)	8 (7.5)
Engine Coolant	Oil to Air
Propulsion System	
Transmission Pump	Hydro-Gear® Hydrostatic Pump
Wheel Motors (Propulsion)	Hydro-Gear® Motor
Travel Speed ft./min. (m/min.)	0-275 ft./min. (0-84)
Brakes	Automatic Actuating Brakes
Rear Wheels (mm)	12" x 3" (305 x 76) - Sealed, Non-greasing Type
Front Wheels (mm)	8" x 3" (203 x 76) - Sealed, Non-greasing Type

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* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

All features and specifications are subject to change without notice.
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