

SkySAW™

Pre-cast and tilt-up concrete remain a popular method of new building construction. A common requirement in this type of construction is to cut doorways and windows into the concrete walls after the building has been assembled. Traditionally this requirement is satisfied by utilizing a hydraulically powered concrete saw tethered to an external power pack and a water supply. The process of cutting a hole begins with the operator attaching a steel track to the wall, which the saw will traverse during the cutting process. The saw is attached to the track, the hydraulic hoses and water hoses are connected, and the blade is attached to the saw. The saw and track must be repositioned for each cut around a given opening. After the opening has been cut, the wall must be washed to prevent slurry build-up. If the required opening is at a height beyond the operator's reach, a ladder or aerial work platform is used to elevate both the operator and the saw.

The SkySAW machine provides an aerial work platform with an integrated wall sawing and drilling system. Self-contained hydraulics and water tanks eliminate stand-alone power packs and water trucks. A hydraulic powered saw positioner reduces operator fatigue by allowing the operator to position the saw and the track on the wall. Plus, an on-board pressure washer reduces costly back-charges by enabling on-the-spot pressure washing. The SkySAW offers concrete cutting companies four distinct advantages: improved productivity, lower maintenance and fuel costs, reduced operator fatigue, and lower clean-up charges.

Concrete cutting crews are paid by the number of linear feet they cut per day. A two-man crew using traditional methods can cut up to 150ft. per day. The SkySAW product doubles the linear feet to 300 while only utilizing one operator. Self contained hydraulic power and water tanks greatly reduce the required time to move from one location to another and remove the need for the second operator. By integrating a water supply and by using the aerial work platform's hydraulic supply to operate the concrete saw, the number of pieces of equipment on the jobsite is also reduced. By utilizing fewer pieces of equipment, the concrete sawing company can reduce its maintenance and fuel costs and focus on its core business.

The hydraulic-powered saw positioner reduces operator fatigue caused by placing a saw that weighs in excess of 120 lbs on and off the track. This not only improves the efficiency of the saw crews, but also reduces lost time accidents and turnover. By retaining experienced workers, the concrete cutting company also lowers its hiring and training costs. An integrated pressure washer allows operators to clean up after each cut, which eliminates the need to rent an additional piece of equipment.

The SkySAW is rapidly becoming the new standard in the concrete sawing business. It has not only been adopted by industry associations such as the Concrete Sawing and Drilling Association, but has also been welcomed by the leaders in the industry such as the Fabcon Corporation.

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SkySAW™

VALUE GUIDE

Accessory

SkySAW™

Workstation in the Sky™ Series



Raising Productivity to a Higher Level

Cut more in a day's time with the first integrated wall sawing and drilling system. Self-contained hydraulics and water tanks eliminate stand-alone power packs and water trucks. The hydraulic powered saw positioner reduces operator fatigue. Plus, an onboard pressure washer reduces costly back-charges by enabling on-the-spot pressure washing. **(Saw and blade not included.)**



Traditional (current) Method

- Billable Cost Per Linear Foot: \$22
- Linear foot Per Day: 100-150
- Revenue Per Day: \$2,200-\$3,300

Note: This is a two-man operation (see SkySaw package operation below)

SkySaw™ Package Method (estimates)

- Billable Cost Per Linear Foot: \$22
- Linear foot Per Day: 200-300
- Revenue Per Day with SkySaw™ Package: \$4,400-\$6,600

Note: This is a one-man operation freeing the second man to saw, doubling the above output if a second SkySaw unit is utilized.

Per Unit: Incremental Daily Revenue: >\$2,200; Incremental Monthly Revenue: >\$44,000

- Eliminate Costly Power Packs • Reduced Worker Fatigue**
- On-Board Pressure Wash System Eliminates Costly Back-Charges**
- Eliminate the Need for Dedicated Water Truck and Driver**
- Reduce Turnover and Lost Time Expense**

JLG Boom Lifts
Available on Model 600S

Summary: Quantified Savings Per Month

Fuel savings	\$ 225
Rental of Powerpack	\$ 500
Pressure Wash Rental	\$ 600
Delivery Charges	\$ 200
Monthly Savings	\$1,525

Savings per month are in addition to the productivity gains outlined above.

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FORM NO.: PB-SkySaw-0302-10M
PART NO.: 3131820

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