

MiTek® **SMARTSET™**

Component Saws



SMARTSET PRO

***For Efficiency
at its Best!***

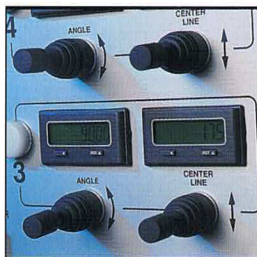
***Choose the
power-assisted,
manually set up
SMARTSET™...or
the semi-automatic,
PLC controlled
SMARTSET™ PRO***

MiTek®

MiTek® **SMARTSET**™ *Component Saws*

SMARTSET™ and **SMARTSET**™ PRO Specifications

The MiTek® **SMARTSET** is a power-assisted, manually set up component saw, where the angle and centerline positions are set up using toggle switches and LCD read-outs at the main control panel.



LCD Readouts –
SMARTSET

MiTek's **SMARTSET PRO** is a semi-automatic component saw where the cutting data is entered via a rugged industrial touchscreen. Once data is entered, the angle, centerline, and length are set up automatically by the programmable logic controller.

Physical Data

Overall width: 13'-4"
Overall height: 6'-7" (9'-1" w/ hoods)
Overall saw length: 32'-0"
Overall saw length with incline scrap conveyor: 44'-0"
Shipping weight: 18,000 lbs. (approx.)
Electrical service required: 220 volts, 125 amps

Five saws:

#1 Saw - 5 hp, 3450 rpm with 20" carbide tip blade (+15° through -90°)

#2 Saw - 5 hp, 3450 rpm with 16" carbide tip blade (-15° through +90°)

#3 Saw - 5 hp, 3450 rpm with 16" carbide tip blade (-15° through +90°)

#4 Saw - 5 hp, 3450 rpm with 20" carbide tip blade (+15° through -90°)

#5 Saw - 10 hp, 1725 rpm with 32" carbide tip blade (-15° through +90°)

Option: 4 & 6 blade models available

Note: All specifications and options are subject to change without notice.

Performance Data

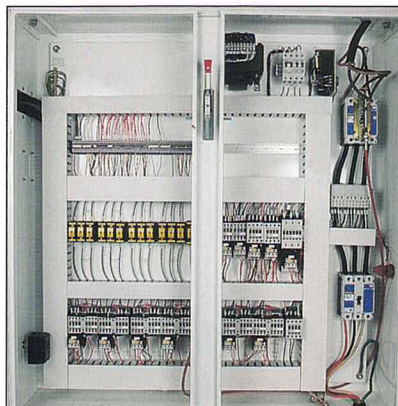
Maximum lumber size: 2x12
Maximum straight cut length: 20'-0"
Minimum straight cut length: 18"
Minimum cut with four 45°: 24"
Maximum scarf cut length with 32" blade: 29-1/2"
Maximum scarf cut length with 16" blade: 10-1/2"
Maximum scarf cut length with 20" blade: 16"

Safety Data

Pneumatic brakes on all five saws
Master operator shut-off control
Perimeter mounted shut down cable
Fully shrouded protective guards and shields

SMARTSET Features

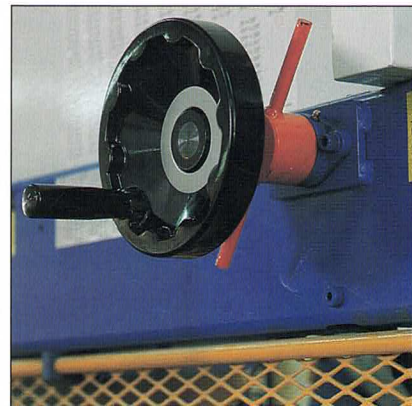
UL listed electrical panels with GE® components
Indicating fuse holders for quick identification of faulty fuses
Rugged proximity switches provide position feedback
Illuminated LCD readouts on angulation and centerline



UL Listed, GE® Components –
SMARTSET SAWS

SMARTSET PRO Features

UL listed electrical panels with GE® components
Industrial color LCD touch screen
2 speed angulation drives for faster, more accurate set up
Second generation Auto-Calibration feature for consistent long-term accuracy
Indicating fuse holders for quick identification of faulty fuses
Electrical faults can be reset without entering the electrical enclosures
Rugged proximity switches provide position feedback
On-board diagnostics with informative "help" screens to allow quick determination and easy clearing of fault conditions
Advanced programmable logic controller software designed to provide the most reliable, accurate and fastest semi-automatic saw available
Quick Out-of-Cut feature allows the operator to designate the Out-of-Cut positions for blades 1 through 4 (speeds up transitions from In- and Out-of-Cut, and back).



Manual Adjustment for lumber in-feeds, lumber hold-downs and lumber stop –
SMARTSET SAWS