

Pathfinder M-Series multi-ply automatic cutting machine

180cm wide max 5cm high under vacuum conditions.

PATHFINDER M5-180

SERIAL#: 1536

MODEL: M5180

VOLTAGE: 415 VAC

3 PHASE

MANF YEAR: 2021

EASY LOADER CONVEYOR

SERIAL #:08048

MODEL: FM3

VOLTAGE: 240 AC

PHASE 1 PHASE

MANF YEAR: 2021

Windows® operating system

PathCut® cutter operating software

Touch Screen user interface

Utility drawer

Laser Spot

Drilling device

Digital Vacuum control

Vacuum Re-sealing blind*

Dynamic vacuum monitoring & regulation

Vacuum exhaust filter

Vacuum Economiser® power saving function

QuickDraw® automatic diamond sharpening system

Automatic bristle cleaning

Import standard industry files – DXF, HPGL, ISO RS274d, NTV, ESSI

Common line deletion – dynamic 'on the fly' calculation

Notch identification and transformation

Drill hole identification and transformation

Cut line proximity awareness

Automatic cutting window calculation – 'Whole piece cutting' where possible.

Zoom & Scroll graphic finger gesture's

Piece & cut order identification

Self diagnostics

End Cut – Operator programmable

Cutting small pieces first – user definable

Automatic knife & sharpening stone wear compensation

Pre-set cutting parameters

vMulti-level user access – parameter protection

MultiCut™ queuing of nested files

QuickPath™ automatic cut piece ordering to reduce dry haul

Integration- automatic cut job queuing, cutting list status & Completed marker list

Automatic Selvage waste cut at programmable intervals

Self Adjusting software parameters optimising cut quality

Marker manipulation features, notch selection, rotation, flip, drill omission, scaling etc

Conveyor advance pause – automatic user definable

Automatic conveyor load assist – distance & time user definable

Automatic pause at piece selected

Selection of pieces – do not cut

PPR – Pathfinder Proportional Reciprocation

Automatic lay width checking

System history file – production cut file verification

Power Fail Re-start sequence – integrating intuitive operator prompts

Maintenance Manager – automatic reporting of maintenance requirements and schedule

Head parking – user definable

Units display in metric, imperial/yards and inches

Flaw avoidance – automatic piece movement avoiding material flaws

Recut – Selection of single piece or from piece number

Multi-language supported

