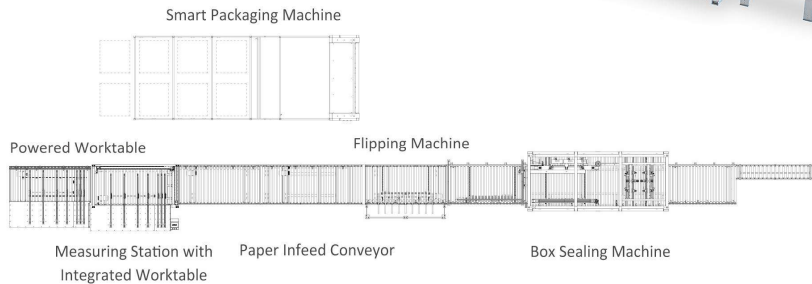


SMART PACKAGING SOLUTIONS

Customizable Solutions to Fit Your Unique Requirements.



3200 Packaging -Pro
Footprint=27x7.5m



Footprint=16x7.5m
3200 Packaging -Plus



Footprint=13x5m
2300 Packaging -Classic



Top-feed Structure with 2 Magazines
EC3200 Rear-feed Structure with 4 / 6 / 8 Magazines
Top-feed Smart Carton Machine
Top-feed Structure/ Slot Punching Function Optional



EC2300
Smart Packaging Machine
2 / 3 / 4 Magazine Optional

EXCITECH[®]
CNC TECHNOLOGY

MARKET LEADER FOR AUTOMATIC SOLUTIONS



SMART STORAGE

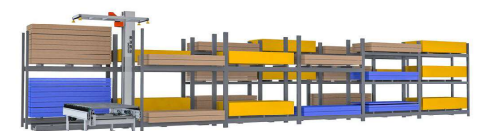
Customizable and made to the size of your factory and raw materials.



Flat Storage System

Width range: 6-12m

Length range: 12-45m



Vertical Storage System

Length range: 12 / 18 / 24 / 30 Meters

EXCLUSIVE UK DEALER

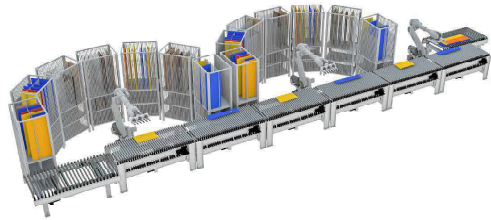
W: powellcnc.com

T: +44 208 686 0733

E: sales@powellcnc.com

POWELL CNC

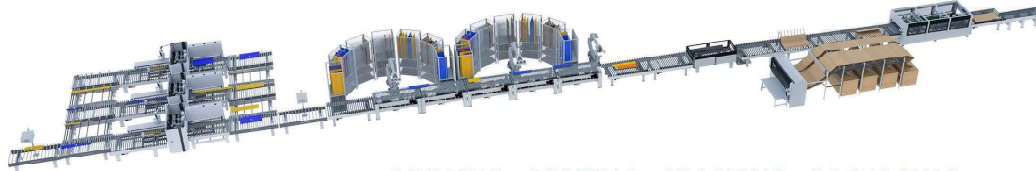
SMART SORTING



VERTICAL
Sorting Unit



FLAT
Sorting Unit



DRILLING - SORTING - STACKING - PACKAGING
Intelligent Processing Cell

ROBOTIC TECHNOLOGIES



6-AXIS
Robot



4-AXIS
Robot



4-AXIS COLUMN
Robot

NESTING SERIES

Various table sizes available: 1224 \ 1230 \ 1530 \ 1537 \ 2128 \ 2138...

For specific machine configurations, please refer to our technical agreement



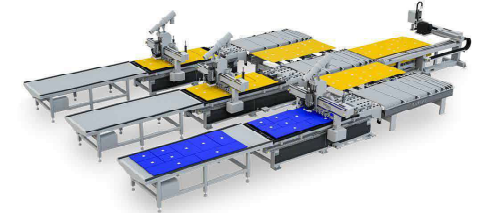
NESTING CELL + ROBOT
Robot Loading and Stacking



NESTING CELL + ROBOT
Vertical Storage + Robot Loading and Stacking



NESTING CELL + ROBOT
Robot Loading



NESTING CELL
One Label Machine & Three Nesting Machines



E4-2128D
Heavy-duty Dust-free Nesting Machine

Dimension	Working Size	Working Speed	Spindle Info.
11700x4100mm	2850x2130x36mm	20-25m/min	9kW-24000 rpm



HIGH-PRECISION
Dust-free Nesting Machine **EKJ-2128C**

Dimension	Working Size	Working Speed	Spindle Info.
12000x3850mm	2850x2130x50mm	15-20m/min	9kW-24000 rpm

EDGEBANDING TECHNOLOGIES

For specific machine configurations, please refer to your technical agreement.



EF588GW

Laser | Narrow Parts | PUR

Spray Separate Agent → Pre Milling → Laser Edging → PUR → Servo Tape Infeed → Pressing → Rough Trimming → Servo Fine Trimming → Servo Profile Scraper → End Cutting → Flat Scraper → 4-Motor Corner Round → Spray Clean Agent → Buffing *2

Dimension	Working Speed	Min.Panel Width	Panel Length
7750*1800*900mm	16-24m/min	≥40mm	≥300mm



EF480

ALL-IN-ONE Servo Edgebander

Servo Infeed Fence → Spray Separate Agent → Pre Milling → Pre Heating → Quick-change Glue Pot (Quick Melt+ Automatic Glue Refill) → Servo Tape Infeed → Servo Pressing → R1&R2 Radius Servo Fine Trimming with Nesting Bridge → R1&R2 Radius Servo Profile Scraper with Nesting Bridge → End Cutting → Corner Round → Flat Scraper → Spray Clean Agent → Buffing

Dimension	Working Speed	Min.Panel Width	Panel Length
5400*1800*970mm	16-24m/min	≥60mm	≥300mm



EF666G

High-speed Edgebander

Spray Separate Agent → Pre Milling → Top Glue Pot with Quick Melt → Pressing → PUR Glue Pot → Pressing → Rough Trimming → Fine Trimming → Profile Scraper 1 → Profile Scraper 2 → 3 Motor End-Cutting → 4 Motor Corner Round → Flat Scrapping → Spray Clean Agent → Buffing *2

Dimension	Working Speed	Min.Panel Width	Panel Length
10800*1870*970mm	16-24m/min	≥50mm	≥300mm



EF587

Compact and All-purpose Narrow Part Edgebander
Narrow Parts | PUR

Spray Separate Agent → Pre Milling → PUR → Top Glue Pot → Servo Tape Infeed → Pressing → Rough Trimming → Fine Trimming → Profile Scraper → End Cutting → Flat Scraper → Corner Round → Spray Clean Agent → Buffing *2

Dimension	Working Speed	Min.Panel Width	Panel Length
7285*1800*900mm	16-24m/min	≥40mm	≥300mm



G60

Servo Driven | High-speed | Heavy-duty | Laser

Servo Premill Adjustment → Panel Thickness Measure (Option) → Spray Separate Agent → Pre Milling → Laser Edging → PUR → 4 Magazine Servo Tape Infeed → Servo Pressing → Servo Horizontal End Cutting → Rough Trimming → Full Servo Fine Trimming → Heavy-duty 4 Motor Corner Round → Full Servo Profile Scraper → Visual Inspection&Adjustment (Option) → Flat Scrapping → Spray Clean Agent → Buffing *2

Dimension	Working Speed	Min.Panel Width	Panel Length
9800*1870*970mm	14-30m/min	≥50mm	≥300mm



G60W

Narrow Parts | Servo Driven
Steel Frame & Beam Laser Edgebander

Servo Premill Adjustment → Spray Separate Agent → Pre Milling → Laser Edging → PUR → 4 Magazine Servo Tape Infeed → Servo Pressing → Servo Horizontal End Cutting → Rough Trimming → Full Servo Fine Trimming → 4 Motor Corner Round → Full Servo Profile Scraper → Flat Scraper → Catcher → Spray Clean Agent → Buffing *2

Dimension	Working Speed	Min.Panel Width	Panel Length
9460*1870*970mm	14-30m/min	≥40mm	≥200mm

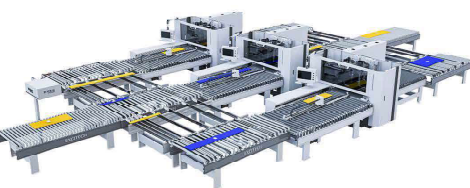
Four Edgebanders In a Line

with Narrow Parts (≥50mm) Processing



Left & Right Hand Edgebanding Cell

DRILLING MACHINES



HIGH-SPEED DRILLING CELL

Footprint	Max.Working Size	Output
70*10m	2800*1200*50mm	3000-4000 pcs/8 hours



EHSW Dual Drill Bank
6-sided Drilling Machine

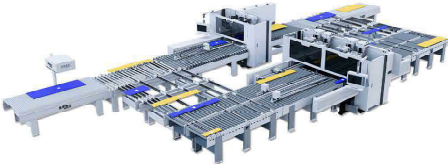
Dimension	Max.Working Size	Min.Working Size	Traveling Speed
5900*2600mm	2800*1200*50mm	70*30*10mm	130/80/30m/min



EHA-2T Double Work Zone Throughfeed
6-sided Drilling Machine

Dimension	Max.Working Size	Min.Working Size	Traveling Speed
7300*3900mm	2800*1200*50mm	200*50*15mm	130/80/30m/min

Different Application Scenarios
Tailored to Suit Your Needs



DRILLING CELL WITH
Single / Double Table 6-Sided Drilling Machines

Footprint	Max.Working Size	Output
70*15m	2800*1200*50mm	3400-3800 pcs /8 hours



EHS-E Compact
6-sided Drilling Machine

Dimension	Max.Working Size	Min.Working Size	Traveling Speed
3600*2300mm	2800*1200*60mm	70*30*10mm	130/80/30m/min



EHS-C Auto Tool Changer
6-sided Drilling Machine

Dimension	Max.Working Size	Min.Working Size	Traveling Speed
5900*3030mm	2800*1200*50mm	70*30*10mm	130/80/30m/min

PANEL SAW

Various table sizes available: EP430 / EP380 / EP330 / EP290



EP 330
Panel Saw Series

Dimension	Cutting Dimension	Saw Carriage Speed	Saw Info.
5500*6100mm	3300*3300*110mm	120m/min	400/450*75mm-18.5kW 200*50mm-2.2kW



EP 380H
Rear - Loading Panel Saw Series

Dimension	Cutting Dimension	Saw Carriage Speed	Saw Info.
9200*6350mm	3800*3800*120mm	120m/min	400/450*75mm-18.5kW 200*50mm-2.2kW

DOOR MAKING SOLUTIONS



EMZ
Work Center for Doors



EMD
Composite Horizontal Drilling

ALL-ROUND WORK CENTER



E6 PTP
PTP Work Center



PTP 5-Axis
PTP 5-Axis Work Center