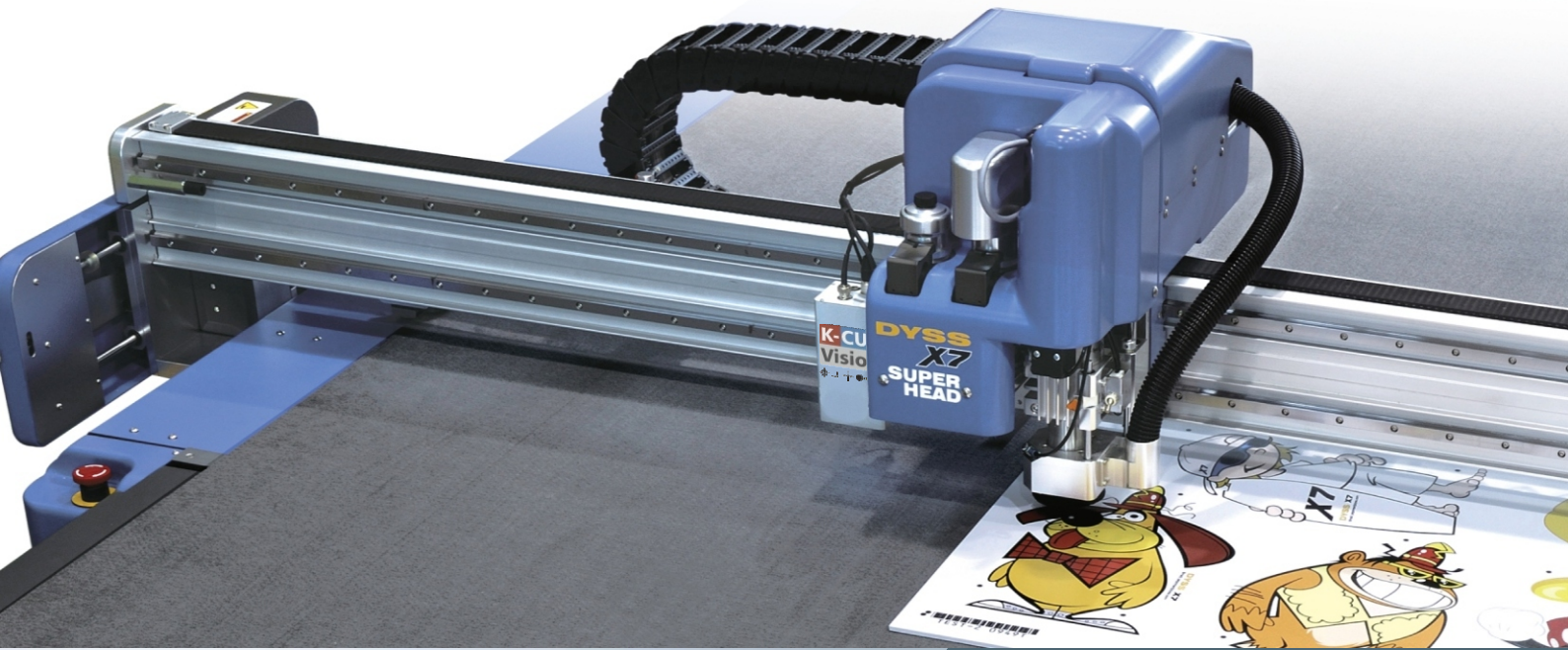


AG/CAD

DYSS
Finishing Centre



- Robust, die-less production/finishing machine
- Industrial build quality and design giving years of reliable service
- Versatile with high production capability
- Efficient workflow

Cutting edge digital finishing solution
DYSS X7 Cutter series

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X7 Digital Cutter Series

Cutting edge digital finishing for maximum productivity

With the rapid growth of digital printing in signmaking, display and visual merchandising, as well as in the traditional litho, screen and flexo sectors comes new demands for digital cutting/finishing. The X7 range of digital cutters has been designed and constructed for exactly this purpose. Combining class-leading build quality and performance with versatile tooling, the machine can handle all your digital cutting requirements.

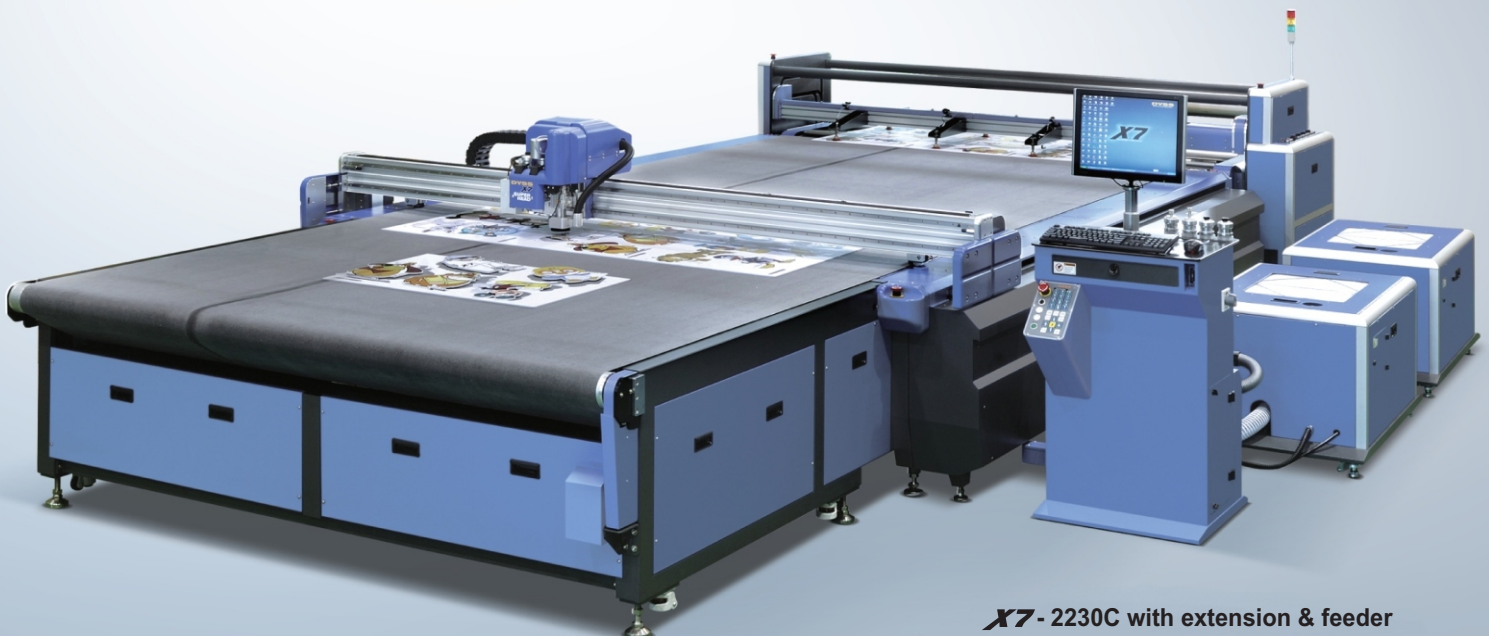
The **SuperHead** and **TripleHead** with their wide variety of tool inserts give the utmost flexibility to suit all needs. Both heads can handle a vast range of materials, including vinyl, paper, plastics, X-board, Dufaylite, corrugated, foamcore, displayboard, magnetic foil, carton, textiles and many more. The optional **K-Cut Vision** system identifies printed register marks (any type) and allows accurate cutting of printed materials to register.

The **SuperHead** also incorporates a high specification 60,000rpm 1kW router spindle and waste extraction system. With the addition of this tool, tough rigid materials up to 25mm thick can also be processed including foamed PVC (Forex, Foamex, Sintra, etc.), aluminium composite sheets (Alubond, Dibond, Skybond, etc.), Acrylic, Polycarbonate, PETG, MDF and many more.

The rigid, thick, aluminium honeycomb vacuum bed and heavy-duty, welded steel frame give an incredibly stable base for the machine to cut and route onto, allowing maximum performance and accuracy.



X7 - 2616C



X7 - 2230C with extension & feeder

Modules

Super Head
For two sleeves & 1kw Router



Triple Head
For three sleeves



Tools

RBT
(Rotary Blade Tool)



XVT
(X board V-cut Tool)



(For folding honeycomb boards)

RKT
(Reciprocating Knife Tool)



TKT
(Tangential Knife Tool)



CRT
(Creasing Roller Tool)



SPT
(Pen Tool)



KKT
(Kisscut Knife Tool)



X7 Digital Cutter Series

Cutting edge digital finishing

Accessories



Work Station



Sheet Feeder



Extension Table

Technical Data

| Model | X7-1624 | X7-1630 | X7-2216 | X7-2230 | X7-2616 | X7-2630 |
|-------------------------|---|-------------------------------|------------------------------|-------------------------------|-------------------------------|----------------------------------|
| Speed | Up to 1000mm/s or 60m/min depending on material and tool options; | | | | | |
| Acceleration | Up to 5.6m/sec ² (0.56G) | | | | | Up to 5m/sec ² (0.5G) |
| Material clearance | Up to 50mm (1.97 inch) | | | | | |
| Cutting depth | Up to 25mm (1 inch) | | | | | |
| Tool Force | Up to 18kg per tool (40 lbs.) | | | | | |
| Position Accuracy | ± 150 μ (0.0059 in.) | | | | | |
| Repeatability | ± 20 μ (0.0008 in.) | | | | | |
| Max.work area (W x L) | 1650x2450mm 65 x 96 in. | 1650 x 3050mm 65 x 120 in. | 2250 x 1650mm 89 x 65 in. | 2250 x 3050mm 89 x 120 in. | 2650 x 1650mm 104 x 65 in. | 2650 x 3050mm 104 x 120 in. |
| Max. sheet size (W x L) | 1700 x 2800mm 67 x 110 in. | 1700 x 3400mm 67 x 134 in. | 2350 x 2000mm 93 x 79 in. | 2350 x 3400mm 93 x 134 in. | 2750 x 2000mm 108 x 79 in. | 2750 x 3400mm 108 x 134 in. |
| Dimension(WxL) | 2500 x 3250mm 100 x 128 in. | 2500 x 3890mm 100 x 153in. | 3100 x 2450mm 122 x 96in. | 3100 x 3890mm 122 x 153in. | 3500 x 2450mm 138 x 96in. | 3500 x 3890mm 138 x 153in. |
| Construction | Zero backlash drives, low-noise, with dust cover; Welded heavy-duty base with industrial honeycomb vacuum bed; High-precision AC servo system with 4 axis synchronous control | | | | | |
| Interface | Standard network connection via K-cut [®] workstation PC; Variable look-ahead vector control to optimize speed. | | | | | |
| Options | Touch -N-Go automatic tool leveling system, Sheet/board feeder, conveyor system with roll-off unit | | | | | |

DYSS
Print Finishing Solution

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K-CUT
Vision

