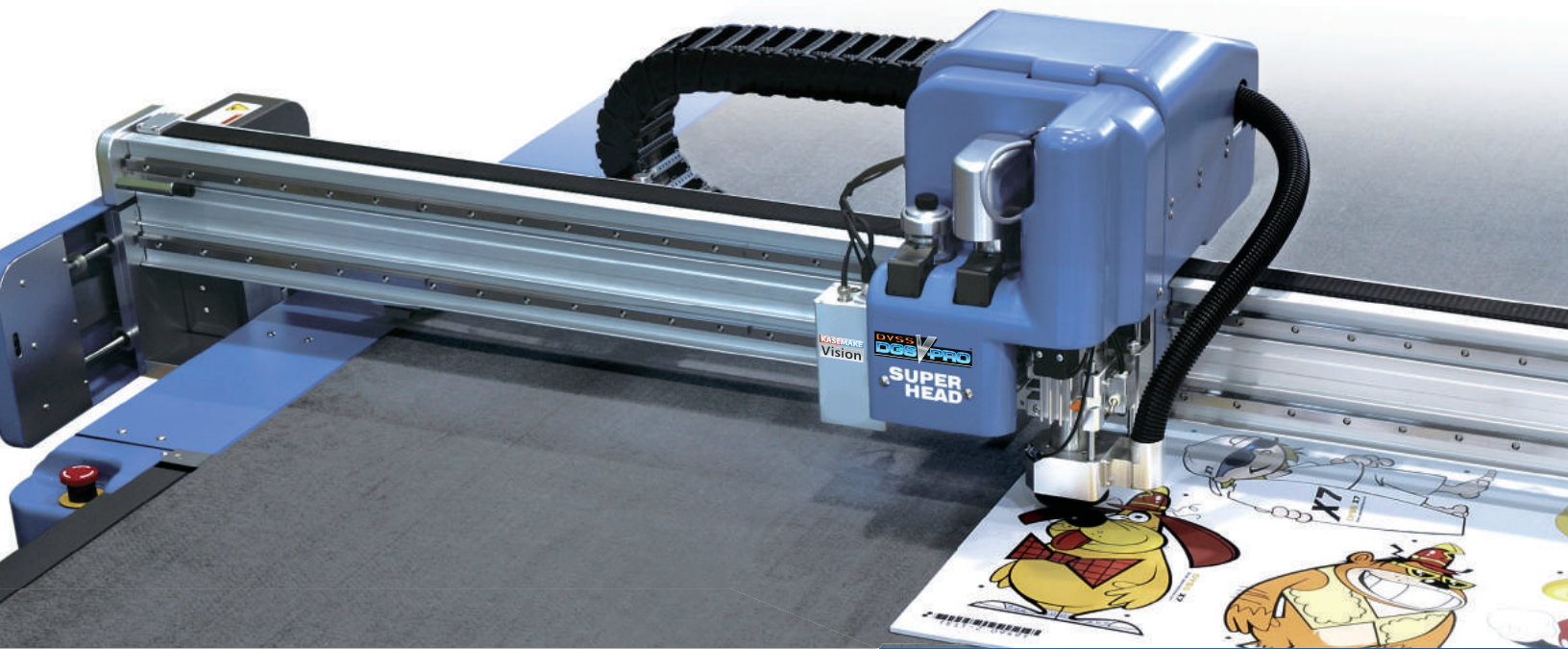




High Performance Digital Flat Bed Cutter

# Have you seen the **BLUE** table cutter yet...?



- ✓ High end technology
- ✓ Superior productivity
- ✓ 24/7 Reliability
- ✓ Unattended workflow

**X7** Series

Powered by:



P.O.P & Packaging Design Software





High Performance Digital Flat Bed Cutter

# Industrial flatbed digital cutter.

X7 Series

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 new DYSS DGS V-PRO X7 Series 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.

Its powerful cutting heads, "SuperHead" or "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, paper foam, styrene, pvc foam, Falcon-board (honeycomb board), corrugated cardboard, displayboard, magnetic film, textiles and many more.

The "Super-Head" offers the option of a high performance 60,000rpm 1.0kW router spindle and a dust collector system. With the addition of this tool, tough rigid materials up to 25mm thick such as acrylic, wood, MDF, aluminum composite sheets (Alucobond, Dibond, etc.), among others, can also be precisely cut.

The X7 Series of the new DYSS DGS V-PRO line, also offers a camera registration system "K-CUT VISION" (optional) which identifies printed registration marks (any type) to allow a perfect positioning and adjustment of the cutting head to deliver exceptionally accurate cutout printed graphics.

The heavy-duty, welded steel frame and the rigid aluminum honeycomb vacuum bed system, provide an incredibly stable base for the machine to cut and route onto, allowing maximum performance and accuracy for a 24/7 production schedule.

With other state of the art options such as the rigid material feeding system and the extension table, the new DYSS DGS V-PRO can become a fast, powerful, automated finishing system to provide maximum productivity and smooth work flow to comply with today's highest market requirements.



**X7-2230C**  
With extension & feeder

- ✓ Robust, die-less production/finishing machine.
- ✓ Industrial heavy-duty built and design.
- ✓ Versatile with high production automated capability.
- ✓ Precise and efficient workflow



Super Head  
For two sleeves & 1kw Router



Triple Head  
For three sleeves



Tool Holder  
(Included)



**X7-2616C**

Tools

TKT  
(Tangential Knife Tool)



RKT  
(Reciprocating Knife Tool)



CRT  
(Creasing Roller Tool)



XVT  
(Honeycomb Board V-Cut Tool)



KKT  
(Kisscut Knife Tool)



SPT  
(Sleeve Plotter Pen Tool)



RBT  
(Rotate Blade Tool)

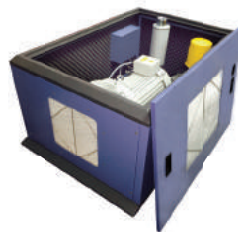


(Optional)

Work Station  
(Included)



Vacuum Pump  
Noise Reduction Enclosure  
(Included)



Sheet Feeder  
(Optional)



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P.O.P & Packaging Design Software



Extension Table  
(Optional)



## Technical Data

In partnership with **DYSS - South Korea**

Model	X7-1624	X7-1630	X7-2230	X7-2616	X7-2630	X7-3216	X7-3230
Maximum cutting area (W x L)	63" x 96" (1.60m x 2.45m)	63" x 118" (1.60m x 3.0m)	87" x 118" (2.20m x 3.0m)	102" x 63" (2.60m x 1.60m)	102" x 118" (2.60m x 3.0m)	126" x 63" (3.20m x 1.60m)	126" x 118" (3.20m x 3.0m)
Maximum material clearance	2.16" (55mm)						
Maximum cutting depth	1.96" (50mm)						
Number of tool positions	2 Sleeves + Router (Super Head) / 3 Sleeves (Triple Head)						
Oscilations per minute	16,000						
Air Speed	1000mm/sec					800mm/sec	
Acceleration	0.56G				0.52G		0.4G
Tool Force	Up to 40 lbs (18 Kgs) per tool						
Laser Registration System	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vacuum Pump System	Yes (7.5KW)	Yes (2 - 4.2KW)	Yes (2 - 4.2KW)	Yes (7.5KW)	Yes (2 - 4.2KW)	Yes (7.5KW)	Yes (2 - 4.2KW)
Noise reduction enclosure for the vacuum pump	Yes	Yes - 2 units	Yes - 2 units	Yes	Yes - 2 units	Yes	Yes - 2 units
Vacuum zones	4	4	4	4	4	4	4
Automatic Tool Depth Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Work Station, PC, monitor and tool holder rack	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Standard Tools Included	Tangencial Knife (TKT), Reciprocating Knife (RKT), Creasing Roller (CRT), V-Cut (XVT), Kisscut (KKT), Sleeve Plotter Pen (SPT)						
DESIGN SOFTWARE	KASEMAKE FULL VERSION (1 License)						
Size (W x L x H)	96.8" x 129.9" x 51.1" (2.46m x 3.30m x 1.30m)	96.8" x 152.7" x 51.1" (2.46m x 3.90m x 1.30m)	120.8" x 152.7" x 51.1" (3.07m x 3.90m x 1.30m)	136.6" x 92.9" x 51.1" (3.47m x 2.36m x 1.30m)	136.6" x 152.7" x 51.1" (3.47m x 3.90m x 1.30m)	160.2" x 93.7" x 51.1" (4.07m x 2.38m x 1.30m)	160.2" x 152.7" x 51.1" (4.07m x 3.88m x 1.30m)
Weight	2,535 lb/ 1,150 Kg	3,196 lb/ 1,450 Kg	4,122 lb/ 1,870 Kg	3,902 lb/ 1,770 Kg	4,784 lb/ 2,170 Kg	4,563 lb/ 2,070 Kg	5,577 lb/ 2,530 Kg
Standard Warranty	1 Year						
Construction	High precision belt drive, low-noise, with dust cover. Welded heave-duty base on industrial honeycomb structure vacuum table. High-precision AC servo system with 5 axis synchronous control. Variable look - ahead vector control to optimize speed						
Interface	Standard network connection via K-CUT® software						
Options	Conveyor belt with flexible media feeder / K-CUT Vision® (camera registration system) / 1.0KW high frequency 60,000rpm spindle router with dust collector system / sheet feeder / front and back extension tables						