



**HIGHLY ADAPTIVE  
MODULAR PLATFORM**  
STANDARD CONFIGURATIONS OR  
USER DEFINED INTEGRATED SYSTEMS  
UP TO 10,000 CPH

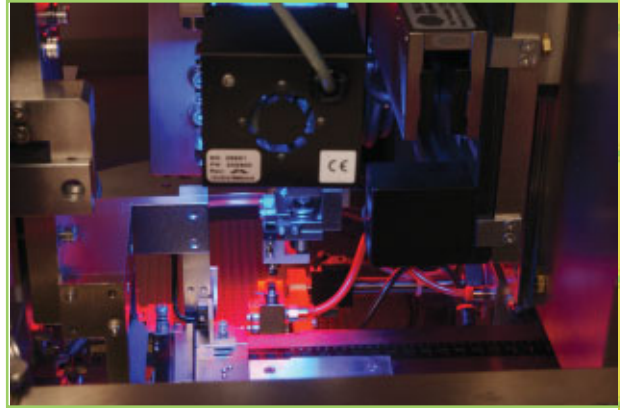
**AUTOMATED 200mm DIE SORTING SOLUTIONS**  
**1200 SERIES**



Model 1200i Tape & Reel w/Invert

1200 SERIES

- Model 1200 – Tape on Reel
- Model 1210 – Waffle Packs
- Model 1220 – Jedec Tray
- Model 1230 – Up to 200mm Film Frame
- Model 1250 – Custom Process Integration



Dymatix High Speed 200mm Models	1200	1210	1220	1230	1250
<b>Configuration:</b>					
Auto Input for Up to 200mm Film Frames	✓	✓	✓	✓	✓
Fully Programmable Expander	✓	✓	✓	✓	✓
High Speed Die Inverter	✓	✓	✓	✓	✓
Output Media Configuration (Manual Media Load)	Tape Invert 8-56mm (1)	Waffle Pack 2", 3", 4"	Jedec Tray	Film Frame up to 200mm	Tubes, Bags, Etc.
High Precision Adjustable Pick Head	✓	✓	✓	✓	✓
Dual (Input/Output) Machine Vision (2)	✓	✓	✓	✓	✓
CE and SEMI compliant	✓	✓	✓	✓	✓
Size (mm)	1800W x 1100D x 2000H				
<b>Performance:</b>					
Cycles Per Hour (Max) - Single Transfer (3)	7000	7100	6800	6600	7100
Units Per Hour (Max) - Single Transfer (3)	5400	5600	5200	5000	5600
Cycles Per Hour (Max) - Dual Transfer (3)	N/A	10000	10000	10000	10000
Units Per Hour (Max) - Dual Transfer (3)	N/A	8000	8000	8000	8000
Die Positioning +/-25µm	✓	✓	✓	✓	✓
Die Size: 0.2mm-40mm (includes large aspect ratio)	✓	✓	✓	✓	✓
Hardware Repeatability +/-5µm	✓	✓	✓	✓	✓
<b>Options:</b>					
Wafer mapping	✓	✓	✓	✓	✓
Binning	N/A	✓	✓	✓	✓
Backside Inspection	✓	✓	✓	✓	✓
Rotary Pick Head	✓	✓	✓	✓	✓
Output Auto-Load	N/A	✓	✓	✓	✓
Ultra-High Precision Kit (+/- 1µm repeatability)	✓	✓	✓	✓	✓
Integrated Die Level Test, Marking, etc.	N/A	N/A	N/A	N/A	✓

(1) Pressure/Heat Seal & Surf Tape Capable

(2) Zoom Optic, Alignment (Die, Wafer, Pocket), Post Place Inspection, Partial Die and Ink Dot Detection

(3) Actual Performance Product Dependent

Dymatix reserves the right to change the operating parameters at any time without notification



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