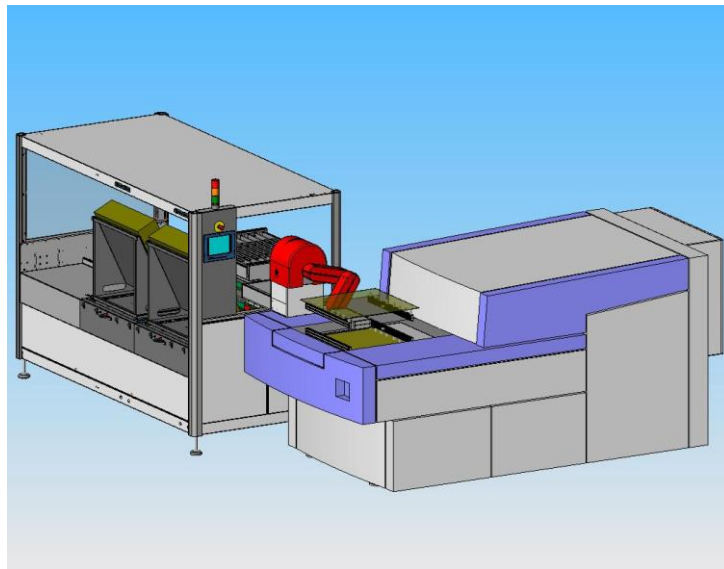


		<b>TECHNICAL SPECIFICATION</b>	
EQUIPMENT	:	<b>MOV 650 DTA Desk Top Automation OKI PC</b>	
DOCUMENT	:	ISSUE LEVEL :	ISSUE DATE : 15/05/07
SPECIFICATION	:	DATE :	
ORIGINATOR	:		

**MOV650DTA**



**Adequate use of the system**

Adequate use also includes compliance with the operating and maintenance instructions supplied by the manufacturer.

The machine must be operated by operators sufficiently trained in operation and maintenance.

All regulations for the prevention of accidents and safety instructions have to be complied with at any time.

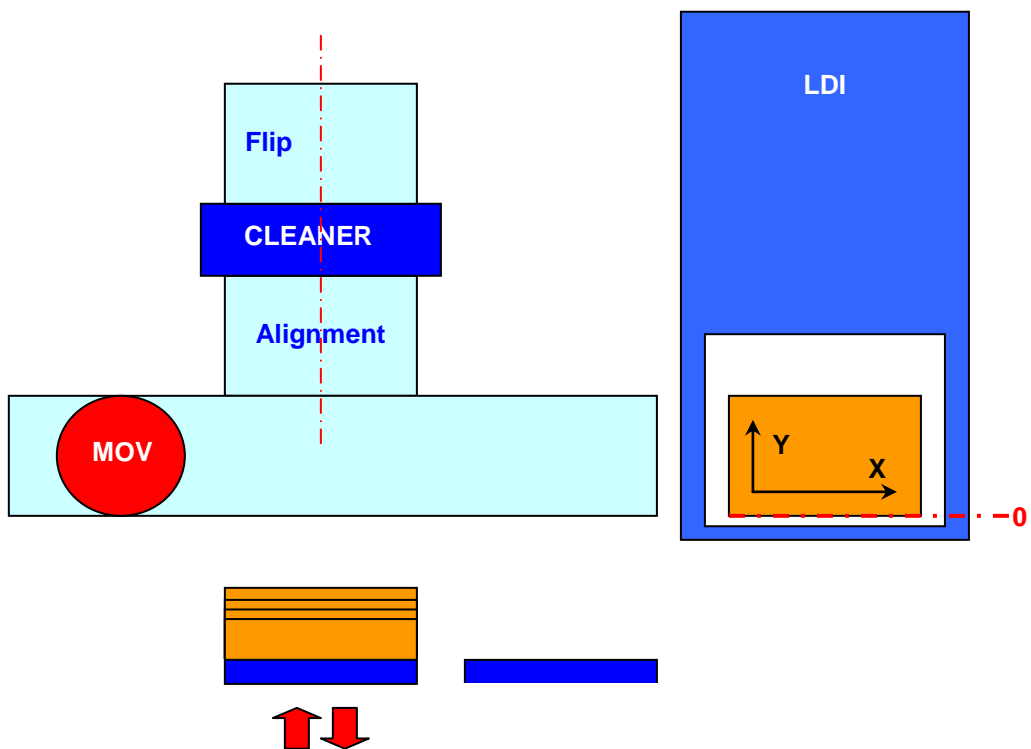
In case of inadequate use of the machine the manufacturer rejects any liability and is user's responsibility only.

	<b>TECHNICAL SPECIFICATION</b>	DOCUMENT : <b>PARAGON LDI</b>
		ISSUE LEVEL :
	<b>MOV650DTA</b>	DATE : <b>15/05/07</b>
		PAGE : <b>2 of 4</b>

**1.0 Application**

Load, Turn Over (flip) and Unload of panels for ORBOTECH PARAGON LDI machine

**1.1 Application schematic**



Paragon coordinates:                      Max. X: 610 mm                      Max. Y: 812 mm

MOV650 DTA :                                Max. X: 610 mm                      Max. Y: 540 mm

Board placement on Paragon: Centered and aligned at 0

	<b>TECHNICAL SPECIFICATION</b>	DOCUMENT : <b>PARAGON LDI</b>
		ISSUE LEVEL :
	<b>MOV650DTA</b>	DATE : <b>15/05/07</b>
		PAGE : <b>3 of 4</b>

## 1.2 Technical Data MOV650DTA

<b>PCB formats:</b>	<b>X mm x Y mm</b>		
<b>Min.</b>	<b>460 x 306</b>		
<b>Max.</b>	<b>610 x 540</b>		
	Thickness	<i>min.</i>	<b>0.05 mm</b>
		<i>max.</i>	<b>3.5 mm</b>
	Weight	<i>max.</i>	<b>4.0 kg</b>
	<i>Further dimensions on request</i>		
<b>Format adjustment</b>	Auto format adjustment acc. to signal from Paragon		
<b>Working Direction</b>	See Layout DTA LDI 010		
<b>Accuracy of Alignment</b>		$\pm$	<b>1 mm</b>
<b>Cycle time</b>	Board to LDI	<i>max.</i>	<b>16 sec</b>
<b>Board changing time</b>	Pick and place	<i>max.</i>	<b>6 sec</b>
<b>Double sheet detection</b>	included		
<b>Separation of double sheet</b>	included		
<b>Automation commands</b>	Acc. To ORBOTECH PARAGON LDI		
<b>Automation mode</b>	AAA - BBB		
<b>Power supply</b>	<b>230V AC 50/60Hz</b>		
<b>Rated power</b>	<b>2.5 kW</b>		
<b>Air pressure</b>	<b>6 bar</b>		
<b>Air consumption</b>	<b>200 L/min</b>		

	<b>TECHNICAL SPECIFICATION</b>	DOCUMENT : <b>PARAGON LDI</b>
		ISSUE LEVEL :
	<b>MOV650DTA</b>	DATE : <b>15/05/07</b>
		PAGE : <b>4 of 4</b>

### 1.3 Technical Data FLP650

<b>Board Size</b>	Acc. MOV650DTA
<b>Flip Direction</b>	See schematic
<b>Working Direction</b>	
<b>Power supply</b>	<b>230V AC 50/60Hz</b>
<b>Rated power</b>	<b>0.5 kW approx.</b>

### 1.4 Others

- 1.4.1 The systems have adjustable feet to compensate for an uneven or sloping floor.
- 1.4.2 The orientation of the boards to be handled must be with long panel edge parallel to the flow direction of the production line.
- 1.4.3 The control panels are located
- 1.4.4 All frame constructions in the sheet remover are stable; bend steel plate (thickness  $\geq 3$  mm) profiles, welded and epoxy coated.
- 1.4.5 The external covering, the control cabinet and the doors of the MOV650DTA are made of sheet metal, epoxy coated.
- 1.4.6 The working height of the system is according to LDI