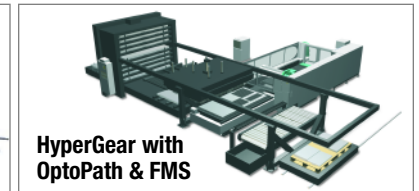


EVERYTHING  
LASER

**Mazak**  
OPTONICS CORP.

# What level of automation do you need?



|   | Pallet Shuttle | Load/Unload Cell | Mazak Laser FMS III | Double Tower FMS | HyperGear with OptoPath & FMS |
|---|----------------|------------------|---------------------|------------------|-------------------------------|
| Select/find raw material  | manual         | manual           | automatic           | automatic        | automatic                     |
| From storage, retrieve and queue material for next job          | manual         | manual           | automatic           | automatic        | automatic                     |
| Place raw sheet on bed  | manual         | automatic        | automatic           | automatic        | automatic                     |
| Pre-originate raw sheet to reduce laser idle time               | manual         | automatic        | automatic           | automatic        | automatic                     |
| Find nesting cutting program for next job                       | manual         | manual           | automatic           | automatic        | automatic                     |
| Download NC cutting program for next job                        | manual         | manual           | automatic           | automatic        | automatic                     |
| Coordinate sheet, next cutting program and next available laser | manual         | manual           | automatic           | automatic        | automatic                     |
| Retrieve latest NC program from engineering department          | manual         | manual           | automatic           | automatic        | automatic                     |
| Quickly remove cut sheets to reduce idle laser time             | semi-automatic | automatic        | automatic           | automatic        | automatic                     |
| Stack cut sheets  | manual         | automatic        | automatic           | automatic        | automatic                     |
| Sort cut sheets   | manual         | manual           | manual              | automatic        | automatic                     |
| Remove and sort cut parts                                       | manual         | manual           | manual              | manual           | automatic                     |
| Discard skeleton  | manual         | manual           | manual              | manual           | automatic                     |
| Link to LAN or cyberspace                                       | no             | no               | yes                 | yes              | yes                           |
| Issue processing data & time report                             | no             | no               | yes                 | yes              | yes                           |
| Issue finished part location report                             | no             | no               | no                  | no               | yes                           |
| <b>EFFICIENCY RATING</b>  | <b>50</b>      | <b>70</b>        | <b>80</b>           | <b>85</b>        | <b>100</b>                    |