



Application Information for Quote

Customer: _____ Date: _____

End User: _____

Contact: _____ Phone: _____

Fax: _____ email: _____

Application Name: _____

Please fill out the form below as completely as possible in order that we may promptly provide you with a firm quote.

Items marked *, while frequently incorporated into our machines, represent deviations from the Distech standard machine, and may involve additional cost.

1. General requirements

1.1. Quantity: _____ machines

1.2. Type: machines are

_____ Unloaders, removing parts from trays and presenting to customer equipment

_____ Loaders, removing parts from customer equipment and placing into trays

2. Part description

2.1. Part name _____

2.2. Is more than one style of part being handled? _____ no _____ *yes; describe part(s) _____

2.3. Part size _____ x _____ x _____

2.4. Part weight _____

2.5. Part drawing (CAD preferred): _____ available now, enclosed

_____ available (date) _____ _____ not available

3. Part handling

3.1. Part orientation in customer equipment: _____

3.2. Part elevation in customer equipment (handoff height) _____

3.3. Part orientation in tray: _____

3.4. Orientation change:

_____ No reorientation of part from picking to placing



- ____ *Part is to be reoriented as follows: (e.g. rotated) _____

- 3.5. Is there a requirement that multiple parts are to be picked simultaneously? ____no
____ *yes; describe (incl. quantity & spacing on customer equipment) _____

- 3.6. *Special part handling requirements (e.g. part is oily, magnetic, fragile, hot)

- 3.7. *Additional processes performed on part (e.g. inspection, RFID, vision; indicate
whether equipment will be provided to perform function): _____

- 3.8. *Additional functions of machine (e.g. bypass functionality, escapement): _____

4. Tray description
- 4.1. Tray size _____ x _____ x _____
- 4.2. Tray orientation in tray loader/unloader _____
- 4.3. Tray stacking height (distance between layers) _____
- 4.4. Projection distance of part above or *below tray _____
- 4.5. Tray matrix: ____ x ____ = ____ total parts per tray
- 4.6. Tray weight, empty _____
- 4.7. Tray ____ does ____ *does not have locating features for parts
- 4.8. *Special tray handling requirements (e.g. rotate empty tray for nesting)

- 4.9. Do trays nest? ____ no ____ yes
- 4.10. Locating features for stacking/nesting? ____ yes ____ *no
- 4.11. Tray drawing (CAD preferred): ____ available now, enclosed
____ available (date) _____ ____ not available
5. Cycle time requirement:
- 5.1. Time: ____ sec per part ____ sec per ____ parts ____ min per tray
- 5.2. System: ____ asynchronous (parts cycle can be on an average)
____ synchronous (exact timing of parts)
6. Queue time requirement: ____ hours ____ minutes



- 7. Customer equipment: Describe equipment with which the tray loader will interface, e.g. conveyor, chain, pallet, puck _____
- 8. Plant drawing (CAD preferred, plan view of machine area): ___ available now, enclosed ___ available (date) _____ ___ not available
- 9. *Plant special considerations (e.g. temperature, dust, clean room): _____
- 10. Machine size limitations (if any) _____ x _____ x _____
- 11. Machine supply requirements
 - 11.1. Electrical supply: ___ Volt ___ Hz ___ phase (* if 3-phase)
 - 11.2. Electrical connectors, etc. _____
 - 11.3. Pneumatic supply: ___ pressure– ___ psi ___ scfm
___ vacuum– ___ psi ___ scfm
exhaust to be ___ free discharge ___ piped
 - 11.4. Pneumatic supply connectors, etc. _____
- 12. Describe controls communication/interface with customer equipment
___ dry contact ___ go/no-go ___ *other
- 13. Operator interface ___ 2-line display & pushbuttons ___ *touch screen, PC-based
- 14. Conformance requirements: ___ *CE *other _____

Information regarding DS1100 (over/under conveyor loading) applications only:

- 15. Ergonomic concerns (* if specialized conveyor design required)
 - 15.1. Lower conveyor to be no lower than _____
 - 15.2. Upper conveyor to be no higher than _____
 - 15.3. Stack weight to be no more than _____
 - 15.4. Stack height to be no more than _____

Information regarding DS1200 (side by side cart loading) applications only:

- 16. Cart configuration
 - 16.1. Cart or dolly size _____ x _____ x _____
 - 16.2. Number of stacks on cart (* if >1) ___
 - 16.3. Stack height (* if extremely high) _____
 - 16.4. Total weight, cart + trays + parts _____ , or, cart weight _____



- 16.5. Other cart information _____
- 17. Machine configuration
 - ___ RH (Facing cart bay doors, robot picks or places to the right of machine)
 - ___ LH (Facing cart bay doors, robot picks or places to the left of machine)
- 18. Cart drawing (CAD preferred): ___ available now, enclosed
___ available (date) _____ ___ not available
- 19. Ergonomic concerns
 - 19.1. Cart + stack weight to be no more than _____
 - 19.2. Cart + stack height to be no more than _____

Additional Information & Requirements

20. _____

