

MATERIAL HANDLING QUESTIONNAIRE

For Automated Storage and Retrieval Systems



Company: _____ Contact: _____
 Address: _____ Title: _____
 _____ Phone: _____
 _____ Other Contacts: _____
 E-mail: _____

STORAGE CAPACITY

	Current Year	Design Year
No. of pallets or loads to be stored:	_____	_____
Total number of SKUs:	_____	_____

SKU Analysis:

Movement Classification	CURRENT	YEAR	DESIGN	YEAR
	# SKUs	Peak Inventory	# SKUs	Peak Inventory
A				
B				
C				
Total				

THROUGHPUT DATA

No. of shifts per day: _____ No. days per week: _____ Hours per shift: _____

MAXIMUM DAILY THROUGHPUT:

Maximum loads per hour:	Shift 1	Shift 2	Shift 3
Input from production:	_____	_____	_____
Input from receiving:	_____	_____	_____
Output to production:	_____	_____	_____
Output to shipping:	_____	_____	_____

Output Volume:
 % shipped as full pallets: _____
 % shipped as picked pallets: _____

Are you interested in an automated paperless picking system? Yes No

LOAD INFORMATION

Type of load: (check all that apply)

Pallets

Dairy Case:

16 quart

24 quart

FOR PALLET LOADS

Pallet Type (if applicable) _____ Pallet Size (if applicable): _____

Load Size: (including overhand and skew) Length _____ Width _____ Height _____

Maximum weight: _____ Is load stretch wrapped? Yes No

ORDER CHARACTERISTICS

Please indicate average # of:

Orders/day: _____

Pallets/order: _____

Orders/truck: _____

Items/order: _____

BUILDING DATA

Temperature requirements: _____

Will you utilize an existing building? Yes No

If Yes: Available area: Length _____ Width _____ Clearance under roof steel _____

Floor thickness: _____ Seismic zone: _____

Location of columns: _____

Size of columns: _____

⚙ Please sketch building configuration (layout) on back with the following:

- Location of production (infeed)
- Location of shipping dock (outfeed)
- Column centerline locations
- Special limitations or obstructions

If new construction: Has site been selected? Yes No

Type of construction: _____

Available area: _____ Seismic zone: _____

Any special site limitations or obstructions: _____

