

QuickGuide STORAGE RACK SPACE UTILIZATION

Floor space utilization is based on the specific dimensions for each individual application. Floor space utilization will vary considerably from application to application. These are GENERAL GUIDELINES for space utilization planning.

SELECTIVE PALLET RACK

DESIGN GUIDE LINES:

Aisles for forklift trucks: 12.5 to 16 feet / Aisles for reach trucks 9.25 to 11.5 feet

FLOOR SPACE UTILIZATION

For forklift trucks

Storage area - 34%
Operating aisle - 66%

For reach trucks

Storage area - 42%
Operating aisle - 58%

DOUBLE DEEP PALLET RACK

DESIGN GUIDE LINES:

Aisles for forklift trucks 10 to 12.5 feet

FLOOR SPACE UTILIZATION

Storage area - 55%
Operating aisle - 45%

VERY NARROW AISLE RACKING

DESIGN GUIDE LINES

Aisles for VNA trucks 5.5 to 6.5 feet

FLOOR SPACE UTILIZATION

Storage area - 49%
Operating aisle - 51%

DRIVE-IN/DRIVE-THRU RACKING

DESIGN GUIDE LINES:

Aisle for forklift trucks 12.5 to 16 feet / Aisle for reach trucks 9.25 to 11.5 feet

FLOOR SPACE UTILIZATION

Storage area - 68%
Operating aisles - 32%

ASRS – AUTOMATED STORAGE/RETRIEVAL SYSTEMS

DESIGN GUIDE LINES:

Aisles width for single deep racks 4 to 5.75 feet / Aisles width for double deep racks 4.25 to 6 feet

FLOOR SPACE UTILIZATION

For single deep cranes
Storage area - 57%
Operating aisle - 43%

For questions or help with Warehouse Layout Applications:

Call Preferred Equipment Resource at 800-711-8698, e-mail us at: info@prefEQ.com, or visit our website: www.prefEQ.com.