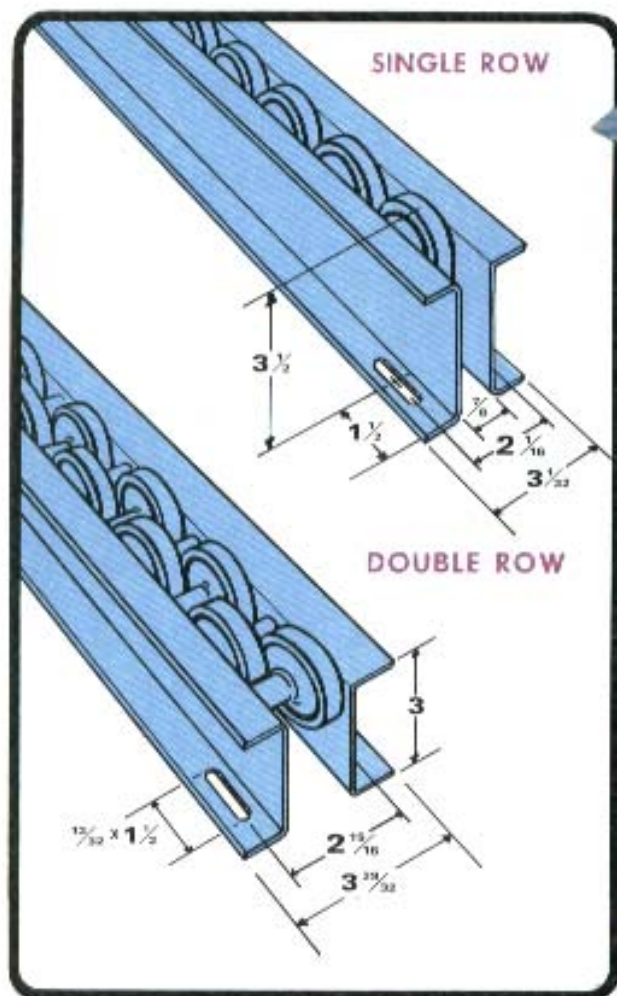


PALLETFLO

rails and wheels



2 Rail Weights

- STANDARD** — for total loads of up to 4100 lb on 2 rails with a 5' span
- HEAVY** — for loads up to 6200 lb*

3 Wheel Styles

- A** general warehousing
temperature range 50 to 90°F
- C** cold room
temperature range 25 to 40°F
- F** freezer
temperature range 20 to 0°F

Two single row rails usually suffice for most common wood pallets. Double row rails are used for pallets whose cross-wise bottom boards are not wide enough (less than 4 1/2"). The 1 1/2" spacing is sometimes needed to keep wheel loading within the design recommendation of 80 lb./wheel. This is often the case when the pallet boards are few or narrow. A simplified formula for determining maximum wheel spacing in a 2 rail system is

$$\text{Spacing (inches)} = \frac{\text{Total board width} \times 160}{\text{Load (lb.)}}$$

Spacing should not exceed 5" without testing. Three rail systems which are sometimes used for sagging pallets or to reduce wheel loading require special consideration and it is best to consult the factory. For total assurance, Korynlak offers to test your pallet and load at its facility without charge.

* MAXIMUM ALLOWABLE LOAD PER PALLET ON 2 RAILS BASED ON 80 lb LIMIT PER WHEEL

SUM BOTTOM BOARD WIDTHS	WHEEL SPACING					
	1-1/2"	2-1/2"	3"	3-3/4"	4-1/2"	5"
10"	960 lb	640 lb	480 lb			
15"	1600 lb	960 lb	800 lb	640 lb		
20"	2080 lb	1280 lb	1040 lb	800 lb	640 lb	
25"	2560 lb	1600 lb	1280 lb	1040 lb	880 lb	800 lb
30"	3200 lb	1920 lb	1600 lb	1280 lb	1040 lb	960 lb
35"	3680 lb	2240 lb	1840 lb	1440 lb	1200 lb	1120 lb
40"	4160 lb	2560 lb	2080 lb	1680 lb	1360 lb	1280 lb
45"	4800 lb	2880 lb	2400 lb	1920 lb	1600 lb	1440 lb
48"	5120 lb	3040 lb	2560 lb	2000 lb	1680 lb	1520 lb

Note—for style F wheels divide above loads by 2

* For heavier loads use more than 2 rails.