

BEAMS - 9 TYPES

(Dwg L013)

The capacities which are written in our diagrams are available for overloading or deformation less than 12 % only

CAPACITIES PER PAIR IN KG							
Span in mm	1800	2250	2700	2700	3300	3600	3900
Sizes and quantity of pallets per level	2 pallets	2 pallets	2 pallets	3 pallets	3 pallets	4 pallets	3 pallets
Beams references	2 x 800	2 x 1000	2x 1200	3 x 800	3 x 1000	4 x 800	3 x 1200
L115 - 80x50x1,5	3225	2192	1597	1615	1144	984	865
L215 - 92x50x1,5	3788	2761	2003	2025	1429	1226	1066
L215B - 102x50x1,5	4000	3407	2462	2490	1750	1500	1302
L315 - 112x50x1,5	4000	3920	2971	3003	2103	1799	1560
L415 - 127x50x1,5	4000	4000	3639	3522	2719	2321	2009
L515 - 142x50x1,5	4000	4000	3944	3821	3217	2922	2525
L615 - 161x50x1,75	4000	4000	4000	4000	3734	3600	3127
L620 - 162x50x2	4000	4000	4000	4000	4000	4000	4000
Tube 50x50x2	1151	809	603	609	439	379	330

Safety coefficient of 1.33 min
Deflection : $\frac{1}{200}$ th max of the span

For more information see ITL 03, 04 and 05

NB : Top welded beams have a lower capacity (about 15% less)

FLUSH DECK SUPPORT CAPACITIES FOR CHIPBOARD

Capacity per unit

Frame depth in mm	Uniformly distributed load in Kg
600	860 (3)
800	680 (2)
1000	525 (2)
1200	430 (2)
1500	300 (1)

Dwg : L014 and L016

(1) Deflection restriction (3) Welding restriction
(2) Strength restriction

Non-flush galvanized steel panel shelves capacities (Uniformly distributed load in kg per complete set)

<i>Depth</i> <i>Length</i>	<i>500</i>	<i>600</i>	<i>700</i>	<i>800</i>	<i>900</i>	<i>1000</i>	<i>1100</i>	<i>1200</i>	<i>1300</i>	<i>1400</i>	<i>1500</i>
1200	1040	864	740	648	516	420	348	292	248	212	188
1500	1300	1080	925	810	645	525	435	365	310	265	235
1800	1560	1296	1110	972	774	630	522	438	372	318	282
2100	1820	1512	1295	1134	903	735	609	511	434	371	329
2400	2080	1728	1480	1296	1032	840	696	584	496	424	376

Dwg : L046 and L047

Fork spacers (drawing L015)

Never load them over 1000 kg per piece because of the squeezing of the beams.