

TABELLA DELLE PORTATE

Carichi uniformemente distribuiti e trave semplicemente appoggiata agli e non sono impegnativi.

altezza H	carichi utili in chilogrammi riferiti a luci in metri							
	3				4			
	NP	IPE	HE/A	HE/B	NP	IPE	HE/A	HE/B
100	1.430	1.435	3.064	3.778	845	1.062	2.269	2.798
120	2.292	2.230	4.463	6.063	1.700	1.654	3.312	4.501
140	3.441	3.259	6.539	9.114	2.552	2.422	4.861	6.767
160	4.938	4.603	9.295	13.141	3.672	3.425	6.918	9.781
180	6.803	6.437	12.437	18.022	5.064	4.597	9.265	13.427
200	9.050	8.210	16.470	24.135	6.743	6.118	12.278	17.994
220	11.766	10.673	21.821	31.187	8.772	7.959	16.277	23.265
240	14.950	13.732	28.618	39.770	11.151	10.245	21.358	29.682
260	17.320	18.195	35.464	48.786	12.780	13.583	26.478	36.427
280	22.640	—	42.863	58.569	16.751	—	32.013	43.747
300	27.651	23.638	53.493	71.327	20.647	17.655	39.965	53.290
400	61.049	42.294	98.182	122.412	46.382	36.855	73.418	91.568
500	116.718	82.074	150.997	182.474	87.308	61.397	112.977	136.528
600	196.748	130.620	203.834	242.558	147.236	97.752	152.564	181.547
100	7				8			
	NP	IPE	HE/A	HE/B	NP	IPE	HE/A	HE/B
100	—	568	1.218	1.502	—	—	1.034	1.276
120	—	896	1.799	2.446	—	—	1.536	2.090
140	—	1.323	2.661	3.713	—	1.133	2.282	3.186
160	—	1.882	3.810	5.388	—	1.617	3.276	4.635
180	—	2.538	5.127	7.431	—	2.185	4.419	6.406
200	3.731	3.390	6.816	9.993	—	2.925	5.885	8.629
220	4.868	4.424	9.063	12.957	—	3.822	7.835	11.203
240	6.203	5.709	11.920	16.569	5.338	4.938	10.317	14.342
260	6.660	7.592	14.809	20.377	5.726	6.575	12.830	17.655
280	9.110	—	17.933	24.512	7.618	—	15.548	21.255
300	11.546	9.889	22.421	29.900	9.998	8.574	19.453	25.943
400	26.075	20.747	41.364	51.576	22.636	18.029	35.959	44.838
500	49.237	34.656	63.827	77.134	42.808	30.154	55.558	67.142
600	83.217	55.283	86.340	102.742	72.424	48.144	75.214	89.501

N.B. - Per le travi IPE si intenda H 270 anziché 260 mm.

PER TRAVI NP - IPE - HEA - B

estremi. K = 1.600 kg/cmq. I dati riportati hanno valore informativo

altezza H	carichi utili in chilogrammi riferiti a luci in metri							
	5				6			
	NP	IPE	HE/A	HE/B	NP	IPE	HE/A	HE/B
100	—	835	1.785	2.202	—	681	1.457	1.797
120	—	1.305	2.614	3.553	—	1.068	2.142	2.911
140	2.120	1.914	3.844	5.361	—	1.571	3.158	4.405
160	2.906	2.711	5.480	7.748	—	2.230	4.511	6.379
180	4.012	3.643	7.348	10.649	3.304	3.002	6.059	8.780
200	5.326	4.854	9.746	14.285	4.408	4.004	8.044	11.792
220	6.962	6.320	12.931	18.483	5.744	5.219	10.683	15.272
240	8.856	8.141	16.978	23.596	7.312	6.728	14.037	19.511
260	9.990	10.802	21.060	28.974	8.115	8.935	17.425	23.974
280	13.500	—	25.473	34.812	10.827	—	21.087	28.821
300	16.420	14.048	31.913	42.422	13.582	11.629	26.349	35.137
400	36.940	29.364	58.509	72.951	30.608	24.350	48.528	60.508
500	69.593	48.954	90.102	108.886	57.726	40.629	74.801	90.395
600	117.431	77.982	121.731	144.856	97.479	64.761	101.116	120.325
100	9				10			
	NP	IPE	HE/A	HE/B	NP	IPE	HE/A	HE/B
100	—	—	888	1.096	—	—	767	948
120	—	—	1.328	1.807	—	—	1.157	1.576
140	—	—	1.982	2.768	—	—	1.737	2.427
160	—	1.408	2.855	4.039	—	—	2.512	3.554
180	—	1.907	3.861	5.597	—	1.681	3.408	4.940
200	—	2.557	5.151	7.554	—	2.259	4.556	6.683
220	—	3.348	6.869	9.823	—	2.963	6.087	8.705
240	—	4.331	9.057	12.591	—	3.840	8.036	11.174
260	—	5.776	11.275	15.518	—	5.130	10.018	13.789
280	—	—	13.676	18.699	—	—	12.163	16.633
300	8.783	7.542	17.125	22.839	—	6.707	15.244	20.333
400	19.943	15.901	31.790	39.641	17.776	14.185	28.317	35.313
500	37.779	26.632	49.092	59.328	33.739	23.797	43.888	53.040
600	63.991	42.564	66.520	79.262	57.223	38.076	59.530	70.833

LAMINATI

N.B. - Per le travi IPE si intenda H 270 anziché 260 mm