



FENDERS

OCEAN GUARD™ NETLESS

FENDERS		LOW REACTION				STANDARD CAPACITY				HIGH CAPACITY				EXTRA HIGH CAPACITY				SUPER HIGH CAPACITY				FENDER	
SIZE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		SAFE WORKING END PULL LOAD	
ENGLISH	METRIC	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS	KIPS	KN
2 x 4	0.6 x 1.2	7	1	12	5	11	2	20	9	14	2	26	12	21	3	38	17	29	4	52	24	9.5	42
3 x 5	0.9 x 1.5	19	3	27	12	31	4	45	20	40	6	59	27	59	9	86	39	81	11	117	53	9.5	42
3 x 6	0.9 x 1.8	23	3	29	13	39	5	48	22	51	7	62	28	71	10	91	41	101	14	125	57	9.5	42
3 x 8	0.9 x 2.4	33	5	41	19	55	8	68	31	72	10	88	40	105	15	129	59	143	20	177	80	17.0	76
4 x 6	1.2x1.8	36	5	34	16	60	8	56	26	78	11	73	33	114	16	106	48	156	22	146	66	17.0	76
4 x 8	1.2 x 2.4	53	7	50	23	89	12	83	38	116	16	108	49	169	23	158	72	231	32	216	98	17.0	76
4 x 10	1.2 x 3.0	71	10	67	30	118	16	111	50	153	21	144	65	224	31	211	96	307	42	289	131	17.0	76
4 x 12	1.2 x 3.7	88	12	82	37	146	20	136	62	190	26	177	80	277	38	258	117	380	53	354	161	24.0	107
5 x 8	1.5 x 2.4	81	11	60	27	135	18	100	45	176	24	130	59	257	36	190	86	351	49	260	118	17.0	76
5 x 10	1.5 x 3.0	108	15	80	37	180	25	134	61	234	32	174	79	342	47	255	116	468	65	348	158	24.0	107
5 x 12	1.5 x 3.7	135	19	100	45	225	31	167	75	293	41	217	98	428	59	317	144	585	81	434	197	24.0	107
5 x 14	1.5 x 4.3	161	22	120	55	269	37	200	91	350	48	260	118	511	71	380	172	699	97	520	236	34.0	151
6 x 12	1.8 x 3.7	180	25	112	50	300	41	186	84	390	54	242	110	570	79	353	160	780	108	484	220	34.0	151
6 x 14	1.8 x 4.3	218	30	135	61	364	50	225	102	473	65	293	133	690	96	428	194	946	131	585	265	34.0	151
6 x 16	1.8 x 4.9	256	35	159	72	427	59	265	120	555	77	345	156	811	112	504	229	1110	154	689	313	50.0	222
7 x 14	2.1 x 4.3	292	40	155	70	487	67	259	117	633	88	337	153	925	128	482	223	1266	175	673	305	50.0	222
7 x 16	2.1 x 4.9	344	47	183	83	574	79	305	138	746	103	397	180	1091	151	580	263	1492	206	793	360	50.0	222
7 x 18	2.1 x 5.5	396	55	211	95	660	91	351	159	858	119	456	207	1254	173	667	303	1716	237	913	414	70.0	311
8 x 12	2.4 x 3.7	319	44	148	67	531	73	246	111	690	95	320	145	1008	139	468	212	1379	191	642	291	70.0	311
8 x 14	2.4 x 4.3	371	51	173	78	619	85	288	130	805	111	374	170	1176	163	547	248	1609	233	749	340	70.0	311
8 x 16	2.4 x 4.9	440	61	205	93	733	101	341	155	953	132	443	201	1393	193	648	294	1906	264	887	402	70.0	311
8 x 18	2.4 x 5.5	508	70	236	107	847	117	394	179	1101	152	512	232	1609	223	749	340	2202	305	1024	464	70.0	311
8 x 20	2.4 x 6.1	577	80	268	122	961	133	447	203	1249	173	581	264	1826	253	849	385	2499	346	1162	527	70.0	311
9 x 14	2.7 x 4.3	467	65	193	88	779	108	322	146	1012	140	418	190	1480	205	611	277	2025	280	837	380	70.0	311
9 x 16	2.7 x 4.9	534	74	221	100	890	123	368	167	1157	160	478	217	1691	234	688	317	2314	320	957	434	70.0	311
9 x 18	2.7 x 5.5	619	86	256	116	1032	143	427	194	1342	186	555	252	1961	271	811	368	2683	371	1110	503	70.0	311
10 x 16	3.0 x 4.9	649	90	241	109	1081	150	402	182	1405	194	523	237	2054	284	764	347	2811	389	1045	474	70.0	311
10 x 18	3.0 x 5.5	755	104	281	127	1258	174	468	212	1635	226	608	276	2390	331	889	403	3271	452	1217	552	70.0	311
10 x 20	3.0 x 6.1	861	119	320	145	1435	198	534	242	1866	258	694	315	2727	377	1015	460	3731	516	1388	630	110.0	489
10 x 24	3.0 x 7.3	1087	150	404	184	1811	250	674	306	2286	316	850	386	3341	462	1244	564	4572	632	1702	772	110.0	489
11 x 18	3.4 x 5.5	889	131	301	159	1482	219	501	265	1927	267	651	295	2816	389	952	432	3853	533	1303	591	110.0	489
11 x 20	3.4 x 6.1	1018	145	344	167	1696	241	573	279	2141	296	745	338	3223	446	1090	494	4410	610	1491	676	110.0	489
12 x 20	3.7 x 6.1	1298	179	425	193	2163	299	708	321	2812	389	920	417	4109	568	1346	611	5623	778	1841	835	110.0	489
13 x 26	4.0 x 7.9	1944	269	591	268	3240	448	985	447	4212	583	1281	581	6156	815	1872	849	8424	1165	2561	1162	110.0	489
14 x 28	4.3 x 8.5	2400	332	678	308	4000	553	1130	513	5200	719	1469	665	7600	1051	2147	974	10400	1438	2938	1333	110.0	489

Custom sizes and capacities available

* Actual values for above sizes may vary +/- 15% due to variations in materials, speed of compression, temperatures and tolerances. Performance based on 60% compression.



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