










TUG LINE COMPARISONS

DRUM WORKING LINES Weight and strength data by size															
				AMSTEEL®BLUE				SATURN-12				QUANTUM-8			
Diameter		Circumference		Weight		Strength		Weight		Strength		Weight		Strength	
inches	mm	inches	mm	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS
2"	48 mm	6"	144 mm	87.0 lb	129 kg	155 t	173 t	87.0 lb	129 kg	156 t	173 t	92.0 lb	137 kg	131 t	146 t
2-1/8"	52 mm	6-1/2"	156 mm	109 lb	162 kg	186 t	207 t	109 lb	162 kg	187 t	207 t	104 lb	155 kg	147 t	163 t
2-1/4"	56 mm	7"	168 mm	116 lb	173 kg	219 t	244 t	116 lb	173 kg	219 t	244 t	116 lb	173 kg	161 t	179 t
2-1/2"	60 mm	7-1/2"	180 mm	148 lb	220 kg	240 t	267 t	148 lb	220 kg	240 t	267 t	144 lb	214 kg	198 t	220 t
2-5/8"	64 mm	8"	192 mm	167 lb	248 kg	270 t	300 t	167 lb	248 kg	270 t	300 t	158 lb	235 kg	216 t	240 t
2-3/4"	68 mm	8-1/2"	204 mm	187 lb	278 kg	300 t	333 t	187 lb	278 kg	300 t	333 t	174 lb	259 kg	237 t	263 t
3"	72 mm	9"	216 mm	206 lb	307 kg	340 t	377 t	206 lb	307 kg	340 t	377 t	207 lb	308 kg	280 t	311 t
3-1/4"	80 mm	10"	240 mm	240 lb	357 kg	411 t	457 t	240 lb	357 kg	411 t	457 t	243 lb	362 kg	327 t	363 t

DRUM WORKING LINES Weight and strength data by size															
				NEUTRON-8				HTP-12				TURBO-37			
Diameter		Circumference		Weight		Strength		Weight		Strength		Weight		Strength	
inches	mm	inches	mm	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS
2"	48 mm	6"	144 mm	95.4 lb	142 kg	184 t	204 t	130 lb	193 kg	68.2 t	75.8 t	140 lb	208 kg	69.0 t	76.7 t
2-1/8"	52 mm	6-1/2"	156 mm	101 lb	151 kg	200 t	222 t	144 lb	214 kg	73.9 t	82.1 t	157 lb	234 kg	76.3 t	84.8 t
2-1/4"	56 mm	7"	168 mm	114 lb	169 kg	222 t	247 t	162 lb	241 kg	85.7 t	95.3 t	175 lb	260 kg	87.4 t	97.1 t
2-1/2"	60 mm	7-1/2"	180 mm	140 lb	209 kg	270 t	300 t	198 lb	295 kg	98.8 t	110 t	214 lb	318 kg	102 t	113 t
2-5/8"	64 mm	8"	192 mm	162 lb	241 kg	296 t	328 t	224 lb	333 kg	109 t	121 t	234 lb	348 kg	111 t	123 t
2-3/4"	68 mm	8-1/2"	204 mm	170 lb	253 kg	322 t	358 t	257 lb	382 kg	121 t	134 t	279 lb	415 kg	130 t	145 t
3"	72 mm	9"	216 mm	202 lb	301 kg	379 t	421 t	292 lb	434 kg	136 t	151 t	327 lb	487 kg	151 t	167 t
3-1/4"	80 mm	10"	240 mm	237 lb	353 kg	453 t	503 t	N/A	N/A	N/A	N/A	407 lb	606 kg	184 t	204 t

*Spliced strength **This standard replaces BS EN 919 and ISO 2307:1995 and is for unspliced strengths.



H-BITT WORKING LINES Weight and strength data by size															
				PROTON-8				QUANTUM-12				RP-12 SSR-1200			
Diameter		Circumference		Weight		Strength		Weight		Strength		Weight		Strength	
inches	mm	inches	mm	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS	PER 100 ft. POUNDS	PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS
2"	48 mm	6"	144 mm	99.0 lb	147 kg	108 t	120 t	79.4 lb	118 kg	142 t	158 t	102 lb	152 kg	41.6 t	46.3 t
2-1/8"	52 mm	6-1/2"	156 mm	112 lb	167 kg	126 t	140 t	89.6 lb	133 kg	162 t	180 t	120 lb	179 kg	49.0 t	54.4 t
2-1/4"	56 mm	7"	168 mm	125 lb	186 kg	143 t	159 t	100 lb	149 kg	183 t	203 t	136 lb	202 kg	56.7 t	63.1 t
2-1/2"	60 mm	7-1/2"	180 mm	149 lb	222 kg	180 t	200 t	125 lb	186 kg	229 t	255 t	160 lb	238 kg	66.5 t	73.9 t
2-5/8"	64 mm	8"	192 mm	172 lb	257 kg	198 t	220 t	138 lb	205 kg	255 t	284 t	176 lb	262 kg	71.4 t	79.4 t
2-3/4"	68 mm	8-1/2"	204 mm	188 lb	280 kg	212 t	236 t	155 lb	231 kg	278 t	309 t	199 lb	296 kg	83.3 t	92.5 t
3"	72 mm	9"	216 mm	198 lb	294 kg	246 t	273 t	179 lb	266 kg	329 t	366 t	231 lb	344 kg	93.9 t	104 t
3-1/4"	80 mm	10"	240 mm	254 lb	378 kg	285 t	317 t	213 lb	317 kg	385 t	428 t	286 lb	426 kg	114 t	127 t

*Spliced strength **This standard replaces BS EN 919 and ISO 2307:1995 and is for unspliced strengths.