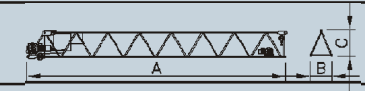
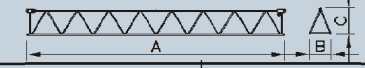
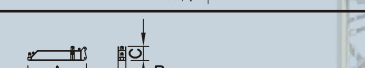
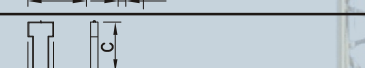
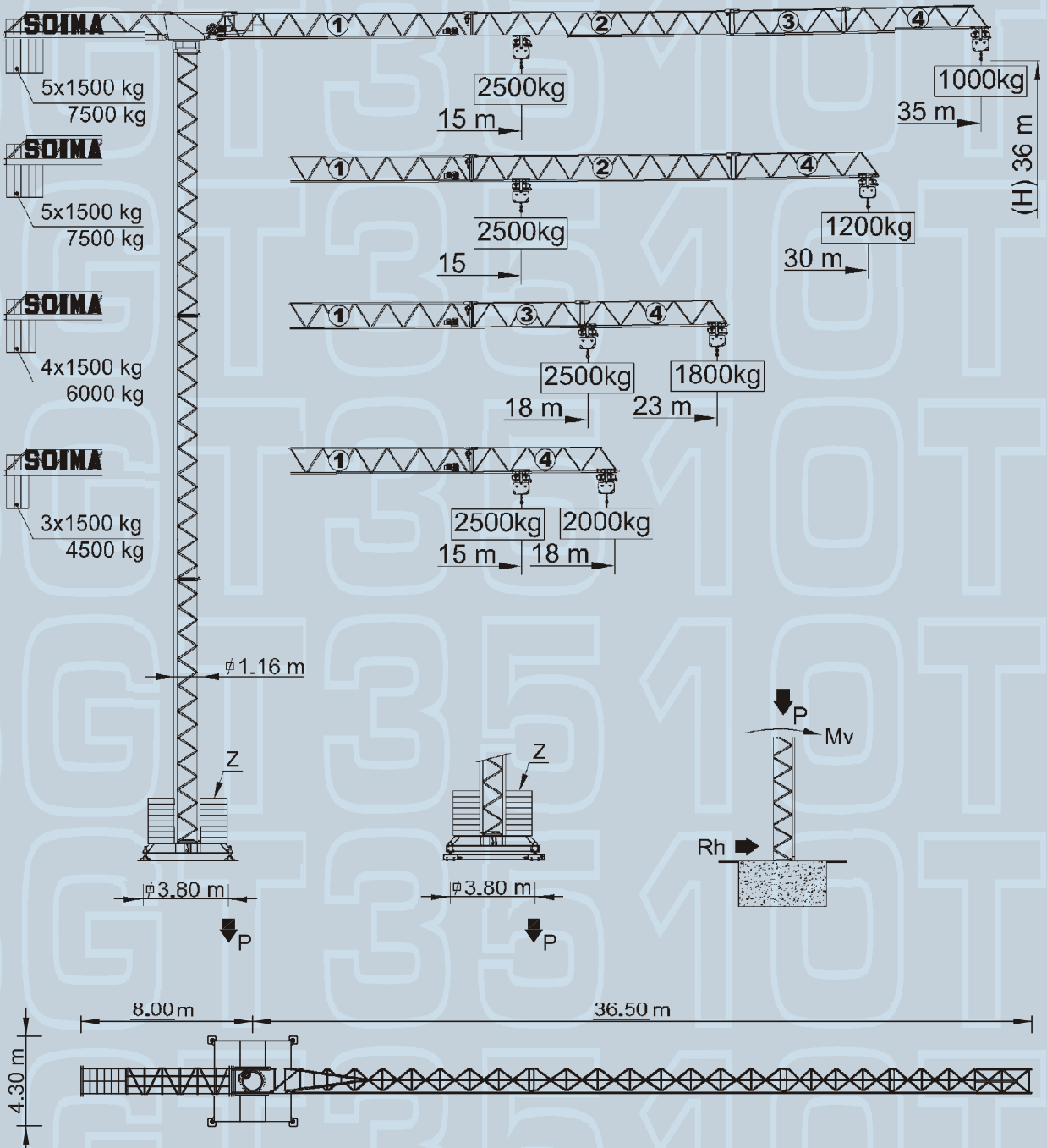


SGT 3510TL SGT3510TL

 ELEMENTOS / Parts / Elementos

		A (mm)	B (mm)	C (mm)	Peso (Kg)
Lança ① / Jib Section / Pluma		11860	1350	1850	2400
Lança ② / Jib Section / Pluma		11820	1160	1210	820
Lança ③ / Jib Section / Pluma		5100	1160	1210	230
Lança ④ / Jib Section / Pluma		6570	1300	1350	290
Tramo de Torre 12 mts Tower Section / Tramo		11985	1160	1160	1950
Tramo de Torre 6 mts Tower Section / Tramo		6075	1160	1160	1030
Tramo de Torre 3 mts Tower Section / Tramo		3120	1160	1160	560
Cabeçote / Headstock / Cabeçote		2130	1310	1830	2120
Contra-lança / Counter Jib / Contrapluma		7320	1420	1310	1480
Chassis / Basis Frame / Chasis		5525	430	720	750
Chassis / Basis Frame / Chasis		2720	250	720	400
Contra-pesos / Counterweights / Contrapesos		1160	320	2405	1500



DC - 3510TL/09.2005

Sujeito a modificações / subject to modification / modificaciones reservadas

CONCESSIONÁRIO / CONCESSIONARY / CONCESIONARIO:



Grua Torre
Tower Crane
Grua Torre



CARACTERÍSTICAS / Characteristics / Características

MOVIMENTO <i>Motions / Movimiento</i>	VELOCIDADE <i>Speed / Velocidad</i>	POT. MOTORES <i>Motor's power / Pot. de motor</i>
ELEVACÃO Hoisting/Elevación	0 a 68 m / min.	11 kW
ORIENTAÇÃO Slewing/Orientación	0 a 1 r. p. m.	5 daN.m
DISTRIBUIÇÃO Trolleying/Distribución	0 a 50 m/min.	1,5 kW
TRANSLAÇÃO (Opção/Option/Opción) Travelling/Translación	15m / min.	2x3 kW
POTÊNCIA TOTAL / Power Supply/ Potencia Eléctrica		26 kVA
TENSÃO / Voltage / Tensión		400 V ± 5% (50 Hz)

REACÇÕES / Reactions / Reacciones

A

B

C

TABELA DE LASTRO E REACÇÕES MÁXIMAS
A UTILIZAR PARA TODAS AS VERSÕES DE LANÇA

A

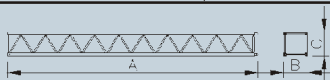
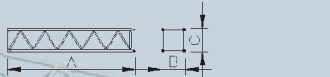
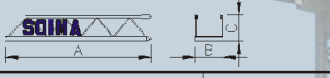
B

C

H m	Z kN	P kN	H m	Z kN	P kN	H m	Mv kNm	P kN	Ph kN
21	2 0	2 0	21	2 0	2 0	21	8 6	1 78	22
24	2 0	2	24	2 0	2	24	1 07	2 02	2 6
27	2 0	241	27	2 0	241	27	1 4	2 07	2 7
0	00	2 60	0	00	2 60	0	1 61	2 11	2
	00	2 67		00	2 67		1 76	2 16	
6	0	2 87	6	0	2 87	6	7 28	2 20	3

SGT 4010 TLL



Lançã / Jib Section / Trama		6370	1300	1330	230
Tramo de Torre 12 mts Tower Section / Tramo		11985	1160	1160	2450
Tramo de Torre 6 mts Tower Section / Tramo		6075	1160	1160	1300
Tramo de Torre 3 mts Tower Section / Tramo		3120	1160	1160	720
Cabeçote / Headstock / Cabeçote		2130	1310	1830	2120
Contra-lança / Counter Jib / Contrapluma		7320	1420	1310	1480
Chassis / Basis Frame / Chasis		5525	500	635	1075
Chassis / Basis Frame / Chasis		2670	360	635	535
Contra-pesos / Counterweights / Contrapesos		1160	320	2405	1500

Sujeito a modificações / subject to modification / modificaciones reservadas

DC - 4010TL/09.2005



Empresa Certificada no âmbito
da Conceção e Fabrico de Gruas



CARACTERÍSTICAS / Characteristics / Características

MOVIMENTO <i>Motions / Movimiento</i>	VELOCIDADE <i>Speed / Velocidad</i>	POT. MOTORES <i>Motor's power / Pot. de motor</i>
 ELEVAÇÃO Hoisting/Elevación	0 a 68 m / min.	11 kW
 ORIENTAÇÃO Slewing/Orientación	0 a 1 r. p. m.	5 daN.m
 DISTRIBUIÇÃO Trolleying/Distribución	0 a 50 m/min.	1,5 kW
 TRANSLAÇÃO (Opção/Option/Opción) Travelling/Translación	15m / min.	2x3 kW
 POTÊNCIA TOTAL / Power Supply/ Potencia Eléctrica		26 kVA
 TENSÃO / Voltage / Tensión		400 V ± 5% (50 Hz)

REACÇÕES / Reactions / Reacciones

A

Diagram A shows a crane on a fixed base. A horizontal dimension line below the base indicates a distance of 1/3.80 m from the left edge to the center of the crane's track. A downward arrow labeled 'P' is positioned below the base, representing the reaction force.

B

Diagram B shows a crane on a fixed base, similar to Diagram A. It includes the same horizontal dimension line of 1/3.80 m. A downward arrow labeled 'P' is positioned below the base, representing the reaction force.

C

Diagram C shows a crane on a fixed base. It includes the horizontal dimension line of 1/3.80 m. Three reaction forces are indicated: a downward arrow labeled 'P' at the top, a curved arrow labeled 'Mv' (moment) at the top, and a horizontal arrow labeled 'Rh' (reaction) pointing to the right at the base.

TABELA DE LASTRO E REACÇÕES MÁXIMAS
A UTILIZAR PARA TODAS AS VERSÕES DE LANÇA

A

B

C

H
m

Z
kN

P
kN

H
m

Z
kN

P
kN

H
m

Mv
kNm

P
kN

Rh
kN

27

250

230

27

250

230

27

539

230

30

30

250

265

30

250

265

30

770

237

37

33

300

302

33

300

302

33

900

244

40

36

350

352

36

350

352

36

1039

251

43

39

400

445

39

400

445

39

1189

259

46

42

550

534

42

550

534

42

1370

266

49

1 kN = 100 Kg

Consultar o Manual de Montagem para Cálculo e Configuração das Sapatas
Consult Instructions Handbook for concreet footing design and configuration
Consultar el Manual de Montage para Cálculo e Configuración de las Sapatas

DIAGRAMA DE CARGAS
Load Diagram / Diagrama de Cargas

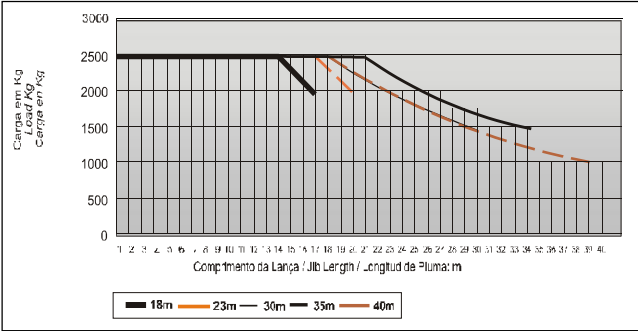
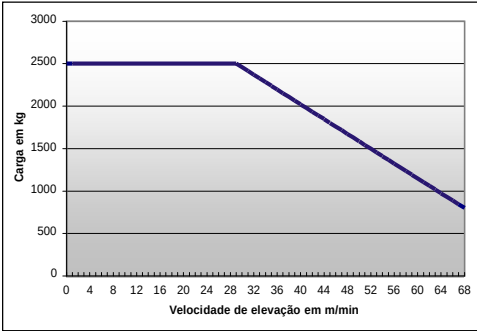
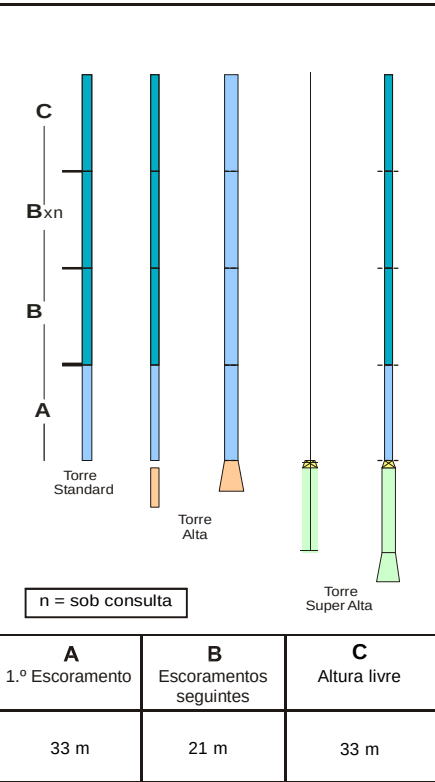


DIAGRAMA DE VELOCIDADE
Speed Diagram / Diagrama de Velocidad

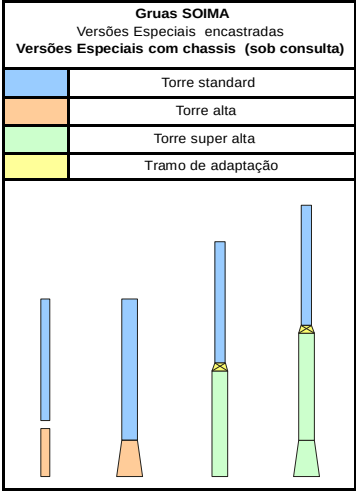


OPÇÕES ESPECIAIS DE MONTAGEM
Setting Up Special Options / Opciones Especiales de Montaje

Versão Escorada
Assembly with support
Versión arriostrada



Versão Livre
Free version
Versión libre



Torre standard	Tramo de adaptação	Torre especial (modelo)	(H) ALTURA LIVRE (metros)							
			46	49	52	55	58	61	64	67
metros										
42	1	SGT 85	3	6						
	0,6	SGT 150	3	6	9	12	15			
		SGT 150 + Tramo conico						6 12	9 12	12 12

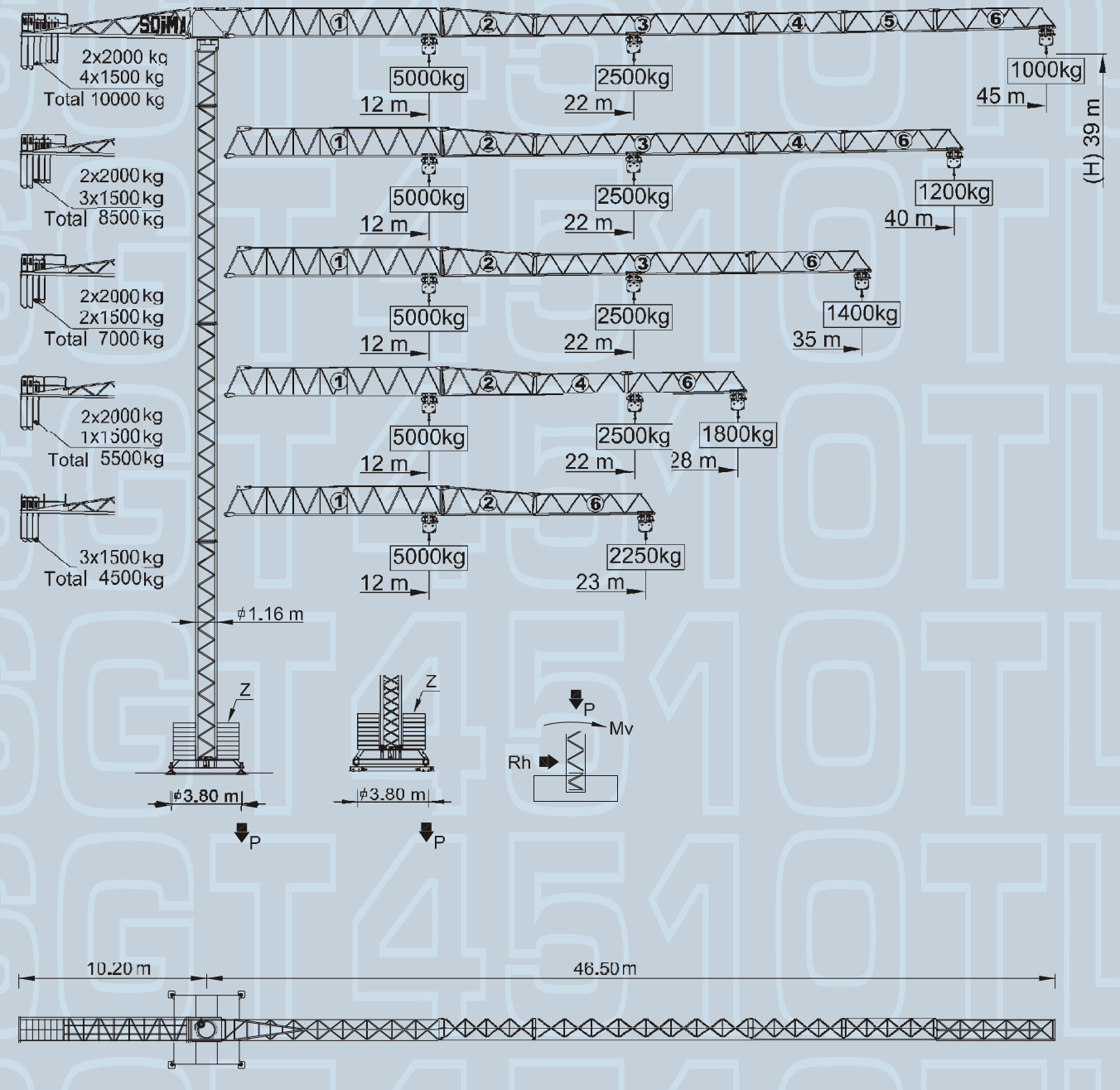
SGT 4510 TL

SGT 4510 TL



ELEMENTOS / Parts / Elementos

		A (mm)	B (mm)	C (mm)	Peso (Kg)
Lança ① / Jib Section / Pluma			1300	2250	2900
Lança ② / Jib Section / Pluma			1160	1650	510
Lança ③ / Jib Section / Pluma			1160	1210	220
Lança ④ / Jib Section / Pluma			1160	1210	260
Lança ⑤ / Jib Section / Pluma			1160	1210	230
Lança ⑥ / Jib Section / Pluma			1300	1350	290
Tramo de Torre 12 mts Tower Section / Tramo		11985	1160	1160	2450
Tramo de Torre 6 mts Tower Section / Tramo		6075	1160	1160	1300
Tramo de Torre 3 mts Tower Section / Tramo		3120	1160	1160	720
Cabeçote / Headstock / Cabeçote		2150	1320	2320	2800
Contra-lança / Counter Jib / Contrapluma		9300	1390	1740	2300
Chassis / Basis Frame / Chasis		5525	500	635	1075
Chassis / Basis Frame / Chasis		2670	360	635	535
Contra-pesos / Counterweights / Contrapesos		1160	320	2405	1500
Contra-pesos / Counterweights / Contrapesos		1160	330	2950	2000



DC - 4510TL/09.2005



Empresa Certificada no âmbito da Conceção e Fabrico de Gruas

Sujeito a modificações / subject to modification / modificaciones reservadas

CONCESSIONÁRIO / CONCESSIONARY / CONCESIONARIO:



Grua Torre
Tower Crane
Grúa Torre





CARACTERÍSTICAS / Characteristics / Características

MOVIMENTO <i>Motions / Movimiento</i>		VELOCIDADE <i>Speed / Velocidad</i>	POT. MOTORES <i>Motor's power / Pot. de motor</i>
ELEVAÇÃO <i>Hoisting/Elevación</i>		0 a 68 m / min.	11 kW
		0 a 34 m / min.	
ORIENTAÇÃO <i>Slewing/Orientación</i>		0 a 1 r. p. m.	2x3 daN.m
DISTRIBUIÇÃO <i>Trolleying/Distribución</i>		0 a 60 m/min.	3 kW
TRANSLAÇÃO (Opção/Option/Opción) <i>Travelling/Translación</i>		15m / min.	2x2 kW
POTÊNCIA TOTAL / <i>Power Supply/ Potencia Eléctrica</i>			26 kVA
TENSÃO / <i>Voltage / Tensión</i>			400 V ± 5% (50 Hz)



REACÇÕES / Reactions / Reacciones

Diagram A shows a crane on a single support. The crane has a vertical mast and a horizontal jib. The jib is 3.80 m long. A vertical load P is applied at the end of the jib. A horizontal reaction force Rh is shown at the base of the mast.

Diagram B shows a crane on a single support. The crane has a vertical mast and a horizontal jib. The jib is 3.80 m long. A vertical load P is applied at the end of the jib. A horizontal reaction force Rh is shown at the base of the mast.

Diagram C shows a crane on a single support. The crane has a vertical mast and a horizontal jib. The jib is 3.80 m long. A vertical load P is applied at the end of the jib. A horizontal reaction force Rh is shown at the base of the mast.

TABELA DE LASTRO E REACÇÕES MAXIMAS A UTILIZAR PARA TODAS AS VERSÕES DE LANÇA

A			B			C			
H m	Z kN	P kN	H m	Z kN	P kN	H m	Mv kNm	P kN	Ph kN
21	00	283	21	00	283	21	742	23	22
24	400	21	24	400	21	24	763	26	2
27	400	27	27	400	27	27	77	270	23
0	400	4	0	400	4	0	82	27	2
	400	4		400	4		86	281	
6	400	2	6	400	2	6	90	288	8
3	40	74	3	40	74	3	94	29	41

1 kN = 100 Kg

Consultar o Manual de Montagem para Cálculo e Configuração das Sapatas
Consult Instructions Handbook for concreat footing design and configuration
Consultar el Manual de Montage para Cálculo e Configuración de las Sapatas



DIAGRAMA DE CARGAS
Load Diagram / Diagrama de Cargas

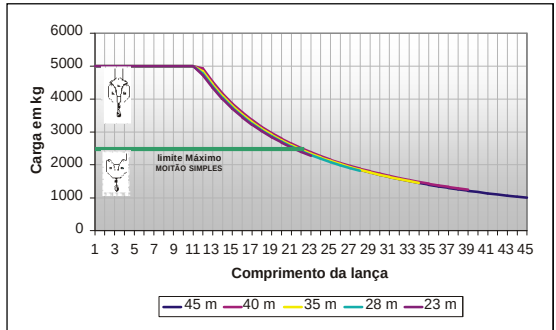
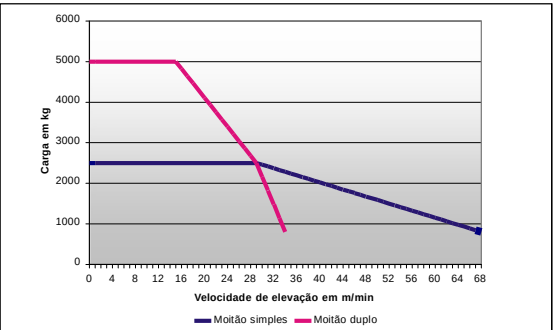


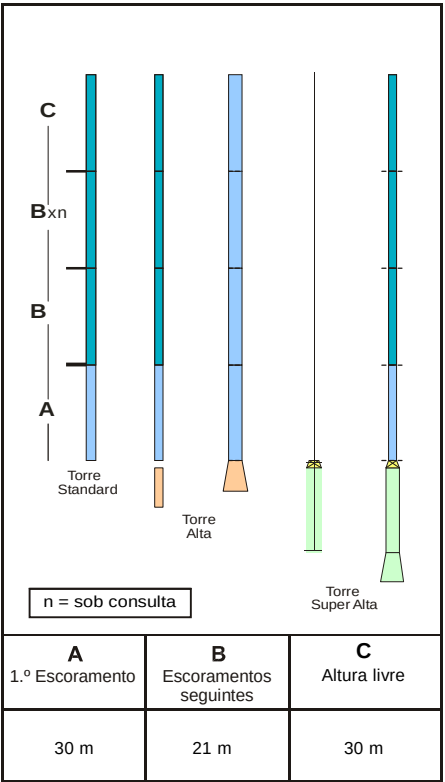
DIAGRAMA DE VELOCIDADE
Speed Diagram / Diagrama de Velocidad



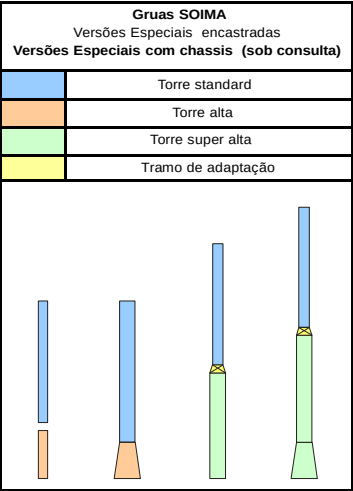
OPÇÕES ESPECIAIS DE MONTAGEM

Setting Up Special Options / Opciones Especiales de Montaje

Versão Escorada
Assembly with support
Versión arriostrada



Versão Livre
Free version
Versión libre



Torre standard	Tramo de adaptação	Torre especial (modelo)	(H) ALTURA LIVRE (metros)							
			43	46	49	52	55	58	61	64
39	1	SGT 85	3	6						
	0,6	SGT 150	3	6	9	12	15			
		SGT 150 + Tramo conico						6 12	9 12	12 12