



Quality Line

810Q

815Q

820Q

823Q



AMCO  **VEBA**
LIFTING BEYOND HORIZONS

Reliability and easy to use articulated cranes

Quality Line

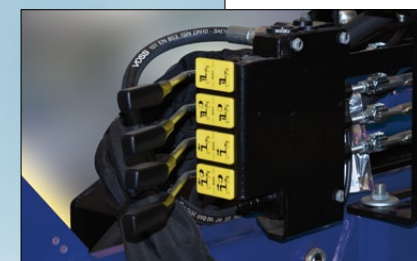
Control station

Low and horizontal position of ergonomic levers for comfortable crane control.
Control valve HC-D4.
Improved confort while operating, intuitive use.



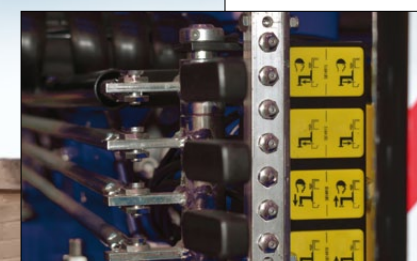
Separate valve for stabilizers

Two sets of levers, one per each side of the crane.
Higher comfort and productivity.



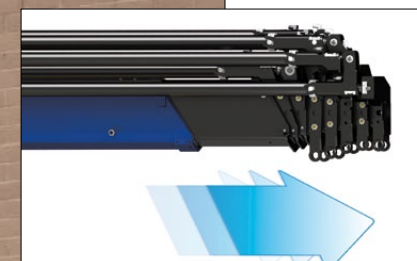
Centralized lubrication

Regular maintenance is a very important step in extending the life of the crane.
The centralization of the gripping points allows you to complete maintenance operations faster and safer.



SGS - Sprint Generation System

Purpose of the SGS system is to increase the extensions speed without affecting the safety crane.
Save time, precise work, increase efficiency.



Load Limit Device

The SGS valve provides the same safety of a standard counterbalance valve, and also creates a regenerative hydraulic circuit, reusing oil as it exits the cylinder during extension. This increases speed and efficiency on every extension cylinder.
(Standard on 815 - 820)



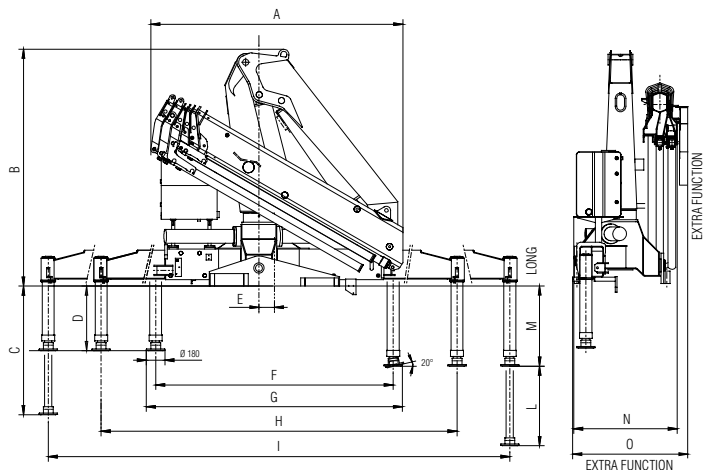
Accessories

- Winch
- Additional extra functions for attachments
- Oil cooler
- Working lights
- Audible/visual warning device
- Hour meter



Technical data 820Q FOR NON CE MARKETS ONLY

METRIC



	1S	2S	3S	4S	5S	6S	5SJ2
A	2165	2210	2275	2370	2440	2495	2480
B	2295	2295	2295	2295	2295	2295	2300
C	1244	1244	1244	1244	1244	1244	1244
D	624	624	624	624	624	624	624
E	150	150	150	150	150	150	150
F	2300	2300	2300	2300	2300	2300	2300
G	2480	2480	2480	2480	2480	2480	2480
H	5500	5500	5500	5500	5500	5500	5500
I	6240	6240	6240	6240	6240	6240	6240
L	770	770	770	770	770	770	770
M	783	783	783	783	783	783	783
N	970	970	1000	1000	1000	1000	1000
O	1120	1120	1120	1120	1120	1120	1120



1S	kg	19620*	9000**	4500	3150
	m	1,00	2,15	4,36	6,23

2S	kg	19200*	8850**	4400	3050	2300
	m	1,00	2,15	4,36	6,23	8,10

3S	kg	18700*	8550**	4280	2900	2180	1725	1315	1000	770
	m	1,00	2,15	4,36	6,23	8,10	10,05	12,00	14,10	16,20

4S	kg	18250*	8380**	4180	2800	2060	1590	1315	1000	770	550
	m	1,00	2,15	4,36	6,23	8,10	10,05	12,00	14,10	16,20	18,40

5S	kg	17800*	8180**	4000	2640	1920	1480	1190	1000	770	550
	m	1,00	2,15	4,45	6,32	8,20	10,15	12,10	14,10	16,20	18,40

6S	kg	17400*	8000**	3850	2530	1820	1385	1100	910	770	550
	m	1,00	2,15	4,52	6,40	8,26	10,20	12,20	14,20	16,20	18,40

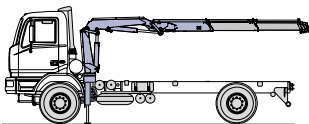
5S	kg	550	500	450	380
J2	m	16,80	18,20	19,70	21,20

*) Theoretical lifting capacity
) Fixed hook capacity

Standard

- Designed in accordance with EN12999
- Design class: HC1-HD4
- Cross controls
- Load limit device
- Hexagonal section extensions
- Independent extension cylinders
- Stabilizers hose slides supports
- Control valve HC-D4
- Flanged valves
- Oil tank
- Manually extendable stabilizers
- Sliding pads on telescopic extensions
- Fixed stabilizer cylinders
- Swivel stabilizer foot
- Centralized greasing system
- SGS Sprint Generation System
- SDD Soft Descent Drive

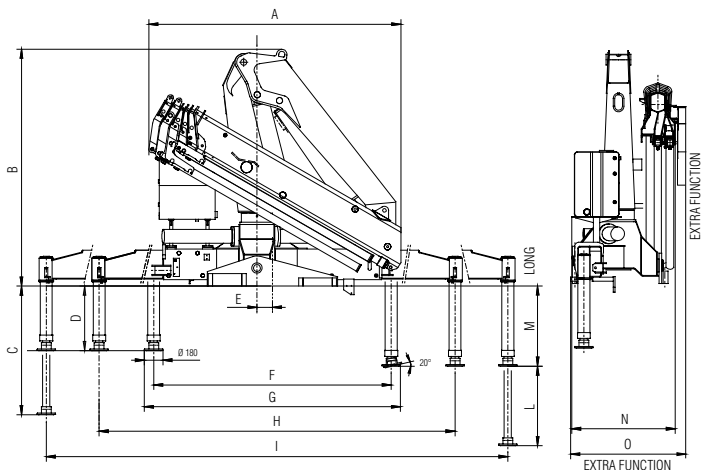
	Lifting Moment	Slewing Angle	Working pressure	Oil tank capacity	Oil flow	Max Vertical Reach (Hydr)	Crane weight without stabilizers
	tm	°	bar	l	l/min	m	kg
1S	19,3	387	300	130	40	9,9	1860
2S	19,0	387	300	130	40	11,8	2010
3S	18,4	387	300	130	40	13,7	2150
4S	18,0	387	300	130	40	15,7	2280
5S	17,6	387	300	130	40	17,7	2380
6 S	17,2	387	300	130	40	19,8	2480
5SJ2	9,2	387	300	130	40	23,3	2715



Recommended truck:
M.T.T. ton 19 - G.V.W. ton 19

Technical data 820Q FOR NON CE MARKETS ONLY

INCHES



	1S	2S	3S	4S	5S	6S	5SJ2
A	86	87	90	94	97	99	98
B	91	91	91	91	91	91	91
C	50	50	50	50	50	50	50
D	25	25	25	25	25	25	25
E	6	6	6	6	6	6	6
F	91	91	91	91	91	91	91
G	98	98	98	98	98	98	98
H	217	217	217	217	217	217	217
I	246	246	246	246	246	246	246
L	31	31	31	31	31	31	31
M	31	31	31	31	31	31	31
N	39	39	40	40	40	40	40
O	45	45	45	45	45	45	45



1S	lb	43250*	19840**	9920	6940
	ft-in	3' 3"	7' 1"	14' 4"	20' 5"

2S	lb	42330*	19510**	9700	6720	5070
	ft-in	3' 3"	7' 1"	14' 4"	20' 5"	26' 7"

3S	lb	41230*	18850**	9440	6390	4810	3800	2900	2200	1700
	ft-in	3' 3"	7' 1"	14' 4"	20' 5"	26' 7"	33' 0"	39' 4"	46' 3"	53' 2"

4S	lb	40230*	18470**	9220	6170	4540	3510	2900	2200	1700	1210
	ft-in	3' 3"	7' 1"	14' 4"	20' 5"	26' 7"	33' 0"	39' 4"	46' 3"	53' 2"	60' 4"

5S	lb	39240*	18030**	8820	5820	4230	3260	2620	2200	1700	1210
	ft-in	3' 3"	7' 1"	14' 7"	20' 9"	26' 11"	33' 4"	39' 8"	46' 3"	53' 2"	60' 4"

6S	lb	38360*	17640**	8490	5580	4010	3050	2430	2010	1700	1210
	ft-in	3' 3"	7' 1"	14' 10"	21' 0"	27' 1"	33' 6"	40' 0"	46' 7"	53' 2"	60' 4"

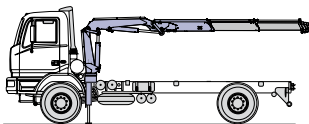
5S	lb	1210	1100	990	840
J2	ft-in	55' 1"	59' 9"	64' 8"	69' 7"

*) Theoretical lifting capacity
) Fixed hook capacity

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- Centralized greasing system
- SGS Sprint Generation System
- SDD Soft Descent Drive

	Lifting Moment	Slewing Angle	Working pressure	Oil tank capacity	Oil flow	Max Vertical Reach (Hydr)	Crane weight without stabilizers
	lb ft	°	psi	gal	gal/min	ft in	lb
1S	139600	387	4350	34,3	10,6	32' 6"	4100
2S	137430	387	4350	34,3	10,6	38' 9"	4430
3S	133090	387	4350	34,3	10,6	44' 11"	4740
4S	130190	387	4350	34,3	10,6	51' 6"	5030
5S	127300	387	4350	34,3	10,6	58' 1"	5250
6 S	124410	387	4350	34,3	10,6	65' 0"	5470
5SJ2	66540	387	4350	34,3	10,6	76' 5"	5990



Recommended truck:
G.V.W. lb 41895