

Cranes | Hand operated / Under slung crane / EX.

Features:

- Van Leusden under slung cranes are available as complete cranes as well as crane kits for self-construction.
- Explosion protected model in **Basic/Medium** execution suitable up till Ex Class Ex II 2 G IIB T3 (Zone 1&2) Non Sparking protection of fast moving mechanical contact parts and rubber buffers on crane
- Explosion protected model in **High** execution suitable up till Ex Class Ex II 2 G IIC T3 (Zone 1)
- Non sparking protection of fast moving mechanical contact parts rubber buffers, increased with non sparking protection of crane wheels and hand chains
- The suspended under slung cranes are executed with

solid material single flange wheels, suitable for all kinds of crane gantries.

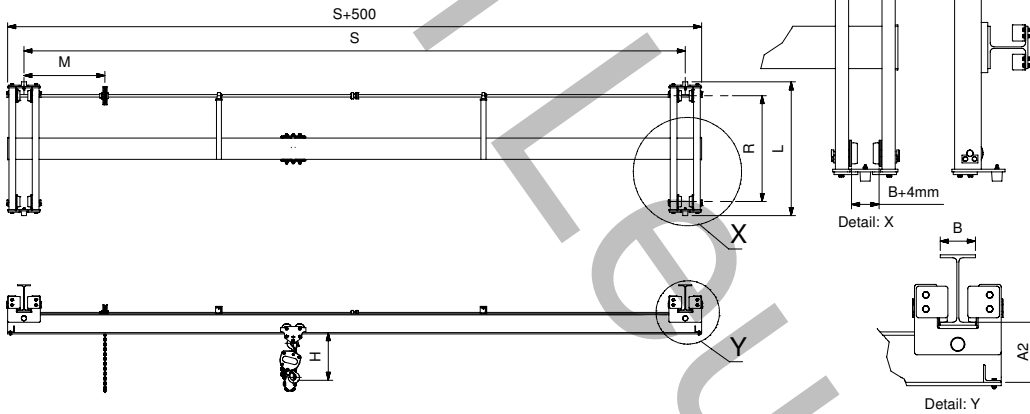
- The cranes are of low maintenance type and have limited wear and tear parts
- The cranes delivered complete with
- Manual geared drive
- Control height 3 m, control chain
- Surface protection Shot blasting + primer + top coat in RAL11007
- S.W.L. Sticker
- Users manual
- Crane kits for crane-constructors:
- A complete set of wheel boxes, with transversal shaft,

bearing blocks, hand chain wheel, hand chain, accompanied by a dimensional sketch. Shot blasted + primer

- Basic welding execution, Crane girder to be welded to the wheelboxes
- Crane girder to be provided by crane-constructor.

Optional:

- Wheel boxes with screw fittings to the crane girder.
- Higher capacities, double girder cranes, low headroom types
- Special executions as low headroom etc.
- Special surface treatment
- For suitable Hoist and Trolley units see our other catalogue pages



Technical information:

- 1) Max. Girder deflection 1/600 of span. Mentioned values are for complete manual driven cranes.
- 2) Values mentioned between (...) are corresponding a girder deflection of 1/750 of span. This value shall be used for cranes with electric driven hoist and trolley or crane travel motions.
- 3) Maximum INP Gantry for: $\varnothing 80/100S = INP 360, \varnothing 125/150S = INP 450$

Cranes / Hand operated / Under slung crane / Explosion protected (Art. group 86000) ATEX BASIC/MEDIUM/HIGH															
S.W.L.	S	R	L	Wheels	A2	Max. Weight, Hoist+ Trolley	Max. Wheelbox load	Handchain Force	Crane 86210.. Art. Nr.	Price Crane Excl. Hoist/Trolley BASIC / MEDIUM Ex II 2G IIB T3 Price €	Price Crane Excl. Hoist/Trolley HIGH Ex II 2G IIC T3 Price €	Crane Kit 86260.. Art.Nr.	Crane Kit BASIC / MEDIUM Ex II 2G IIB T3 Price €	Crane Kit HIGH Ex II 2G IIC T3 Price €	Screw Fittings Boltset incl. Price €
Kg.	m) 2)	mm	mm	mm	mm	Kg.	KN	Kg.							
500	- 4.10 (- 3.70)	800	1005	80/100S	150	100	7.0	10	..05001			..05001			
	- 5.25 (- 4.75)	800	1005	80/100S	170		7.6	10	..05002			..05002			
	- 6.75 (- 6.00)	800	1005	80/100S	190		7.7	10	..05003			..05003			
	- 8.25 (- 7.40)	1000	1205	80/100S	210		8.1	11	..05004			..05004			
	- 3.95 (- 3.55)	800	1005	80/100S	170		12.3	15	..10001			..10001			
1.000	- 5.00 (- 4.50)	800	1005	80/100S	190	105	12.4	15	..10002			..10002			
	- 6.00 (- 5.50)	800	1005	80/100S	210		12.5	15	..10003			..10003			
	- 7.50 (- 6.70)	1000	1205	80/100S	230		13.2	17	..10004			..10004			
	- 9.10 (- 8.10)	1200	1405	80/100S	250		14.1	20	..10005			..10005			
	- 3.40 (- 3.10)	800	1005	80/100S	170		22.3	19	..20001			..20001			
2.000	- 5.75 (- 5.75)	800	1005	80/100S	250	150	23.4	21	..20002			..20002			
	- 7.75 (- 7.00)	1000	1205	80/100S	270		24.4	23	..20003			..20003			
	- 9.10 (- 8.10)	1200	1405	80/100S	290		25.6	24	..20004			..20004			
	- 5.50 (- 4.90)	800	1075	125/105S	230		33.8	21	..32001			..32001			
	- 6.50 (- 5.90)	1000	1275	125/105S	250		34.7	23	..32002			..32002			
3.200	- 9.50 (- 8.80)	1400	1675	125/105S	330	175	36.8	25	..32003			..32003			
	- 11.00 (- 9.90)	1400	1675	125/105S	350		38.0	27	..32004			..32004			
	- 5.00 (- 5.00)	800	1075	125/150S	270		54.3	26	..50001			..50001			
5.000	- 6.25 (- 6.25)	800	1075	125/150S	290	225	55.4	27	..50002			..50002			
	- 9.20 (- 9.20)	1200	1475	125/150S	390		58.1	30	..50003			..50003			

