

# HIAB T160

## THE NEW STANDARD FOR VERTICAL LIFTS



Ideal for vertical lifts, the HIAB T160 is back on the Australian market and better than ever before. Enhanced and fully compliant with the revised Australian Standard, it has new and improved features that make it the smartest and safest stiff-boom crane in its size range.

### Lift without guesswork

As a stiff-boom crane, the HIAB T160 takes all uncertainty out of vertical lifting. With its integrated hoist, it lifts straight up rather than in an arc. That makes it perfect for high-precision lifting over fences and walls, or for lowering loads into shafts and pits.

Whether you deliver steel pipes, transport construction materials, erect power poles, lower pumps into wells or handle any number of municipal tasks, the HIAB T160 is easy to use and right for your needs.

### Smarter and safer

The HIAB T160 is packed with electronic features that increase productivity and safety. Tying them all together is the advanced **HIAB SPACE system**, which continuously monitors your crane's parameters and performance.

Other features include:

- **HIAB XSDrive remote control**, the same smooth and reliable remote control system found on HIAB Knuckle boom cranes
- **Overload protection**, which stops your crane's movements before the crane starts to sink
- **Variable Stability Logic (VSL2)**, which safely regulates your crane's capacity based on the position of the stabiliser legs
- **Stabiliser monitoring functions (SNS and SNL)**, which prevent incidents by ensuring the stabiliser legs are stowed and locked before transit
- **Tilt legs**, which can be tilted 50° when stowing to avoid fuel/air tanks if your crane is front-mounted, or to increase departure angle if your crane is rear-mounted

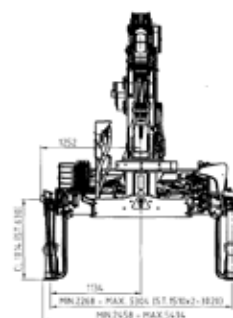
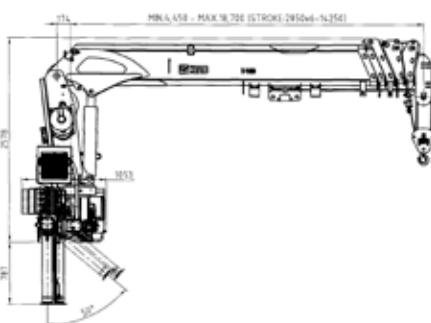
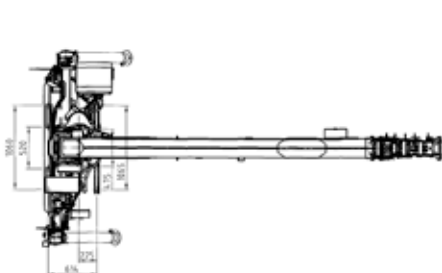
# TECHNICAL DATA

## Model: HIAB T160-6 (side control)

Description					Technical data					Remarks		
Max. lifting capacity					15.5 tm							
Max. working radius					18.7 m							
Max. working height					19.9 m					Based on installation level		
Outreach-capacity												
Angle	1st boom		2th boom		3nd boom		4rd boom		5th boom		6th boom	
	R(m)	Q(kg)	R(m)	Q(kg)	R(m)	Q(kg)	R(m)	Q(kg)	R(m)	Q(kg)	R(m)	Q(kg)
80	0.6	6,500	1.1	4,000	1.6	2,800	2.1	2,200	2.6	1,800	3.1	920
70	1.4	6,000	2.4	3,400	3.3	2,350	4.3	1,750	5.3	1,400	6.3	920
60	2.1	5,850	3.6	3,350	5.0	2,300	6.4	1,730	7.8	1,380	9.3	920
50	2.8	5,010	4.6	2,780	6.4	1,870	8.3	1,410	10.1	1,120	12.0	880
40	3.4	4,410	5.5	2,430	7.7	1,590	9.9	1,190	12.1	940	14.3	760
30	3.8	4,010	6.3	2,180	8.7	1,400	11.2	1,030	13.7	810	16.1	650
20	4.2	3,680	6.8	1,970	9.5	1,250	12.2	910	14.9	710	17.5	560
10	4.4	3,390	7.2	1,790	10.0	1,120	12.8	810	15.6	630	18.4	480
0	4.5	3,090	7.3	1,580	10.2	970	13.0	680	15.9	510	18.7	390
Recommended oil flow					65 l/min							
Working pressure					27 Mpa							
Boom	Type				Hexagonal, 6 sections							
	Lifting angle/speed				0 ~ 80 deg / 12 sec							
	Extension speed				14.25 m / 34 sec							
Winch	Type				Spur gear reduction with mech. brake							
	Lifting capacity				6500 kg (4 falls)							
	Hook speed				Min. 9.5 m/min ~ max. 12 m/min							
	Wire rope				ø10 mm x 110 m							
Slewing	Type				Worm gear reduction with hydraulic brake							
	Angle				360°, continuous							
	Speed				0.9 rpm							
	Slope				5°							
Oil tank (not factory fitted)					120 l							
Outrigger span					5.3 m							
Weight with stabiliser & hook					Around 2900 kg							
Safety devices					1) Counterbalance valve, 2) Pilot check valve, 3)Pressure relief valve 4) Hydraulic swing brake, 5) Hook latch, 6) Auto winch brake							
Options					VSL 2							

(Notes): 1. HIAB SPACE 4000 with XSDrive is installed.  
3. Oil cooler is installed.

2. Manual tilting stabiliser is installed.  
4. The load capacity includes the hook weight, 60 kg.



**Disclaimer.** We reserve the right to make changes. Illustrations, drawings and data are not always in accordance with the latest version or standard model in production. The models in the pictures may present special equipment or colours.

