

# 20000

- Design according to DIN 15018 / H1 B2
- Best power-to-weight ratio
- Full fabricated construction with high-grade steel S 690
- All steel components are sandblasted and protected through catodic electroplating
- Marine painting
- Fully fabricated base designed for installation in reduced spaces
- Double slewing system
- Hardened surface on the column in the contact area of the slewing bushings
- Proportional controlbank prearranged for winch installation
- Nichelated pins on bronze bushings
- Booms kinematics design allows a luffing angle of 75°
- Up to three hydraulic extensions on the boom
- Squared section extensions with telescopic cylinders
- Bronze slide-pads
- All cylinders rods are in NiKrom
- Sequence valves on the extensions cylinders
- Hydropiloted valve on the slewing motion
- Bronze adjustable pad to set the play on the slewing motion
- Stainless steel pipes with stainless steel fittings
- JIC fittings with a 15 microns zinc galvanizing treatment

		1S	2S	3S
Max. hydraulic outreach	m	6,48	8,46	10,29
Max. lifting moment	kgm	18156	18054	18085
	kNm	178	177	177,3
Slewing arc	degrees	400		
	rad	6,98		
Slewing moment	kgm	4202		
	kNm	41,2		
Working pressure	bar	280		
	MPa	28		
Recommended oil delivery	l/min	30		
	dm <sup>3</sup> /sec	0,5		
Required electric power	kW	18,5		
	hp	25		
Weight of the standard crane (± 2%)	kg	1920	2100	2530

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## Available options

- Mechanical extensions stowable in the boom
- Load moment limit device
- Full proportional controlbank with modular elements prearranged for cable or radio remote controls
- Radio-control
- Cable remote control
- Winch of up to 3000 daN capacity
- End stroke device + Emergency stop push button
- Hydraulic end stroke device
- Hydraulic emergency stop
- Operator platform for top controls
- Operator platform with seat for top controls
- Up to 2 supplementary controls for hydraulic accessories
- Compact hoses-guides for max. 2 hydraulic accessories on the boom tip
- Electrohydraulic powerpack - 18,5 kW
- Painting with different RAL colour
- On board spare parts kit

*Every Effer crane is designed, manufactured and tested under the Company Q.A.'s direct control, based on ISO 9001 standards, which Effer was certified for by LRQA since 1994*

Technical updates may modify stated data