

# Technical Specification-Mounted on IVECO chassis

CATEGORY	ITEM	UNIT	VALUE	
CAPACITY	Max. lifting capacity	t	18	
WEIGHT	Gross weight	kg	17768	
POWER	Engine model	-	FPT Industrial/TECTOR7(Euro VI )	
	Max. engine power	kW/rpm	235/2500	
	Max. engine torque	N · m/rpm	1100/1875	
DIMENSIONS	Overall length	mm	10937	
	Overall width	mm	2500	
	Overall height	mm	3650	
TRAVEL	Working temperature range	°C	-25 ~ +40	
	Min.rated lifting radius	m	2.5	
	Tail slewing radius	m	2.49	
	Boom sections (Qty.)	-	4	
	Boom shape	-	U shape	
	Max.lifting moment	Basic boom	kN · m	585
		Full-extension boom	kN · m	264
	Boom length	Basic boom	m	9.69
		Full-extension boom	m	31.2
	Max.lifting height	Basic boom	m	10.4
		Full-extension boom	m	31
Outrigger span (Longitudinal × Transverse)		m	4.9 × 5.8	

# Technical Parameters



## Axle Load

Axle	1	2	Gross weight
Axle load /t	6.83	10.94	17.77
Remark	The ratings above are calculated when crane is mounted on IVECO chassis. Axle loads vary depending on chassis customers prefer		



## Hook

Load/t	Number of sheaves	Rope rate	Hook weight /kg
20	4	8	250



## Operations

Item	Max.single rope lifting speed (empty load)	Rope diameter/length	Max. single line pull
Main winch	120m/min	14mm/163m	3t
Slewing speed	2.3r/min		
Full luffing up/down time of boom	35s/50s		
Full extension/retraction time of boom	55s/40s		
Outrigger jack	Retraction	20s	
	Extension	20s	
Outrigger beam	Retraction	20s	
	Extension	20s	