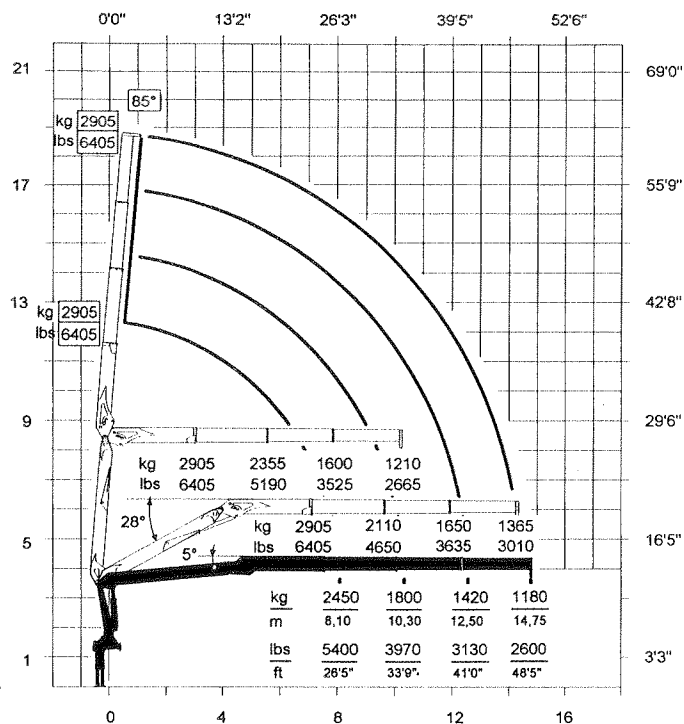




F300SE.23

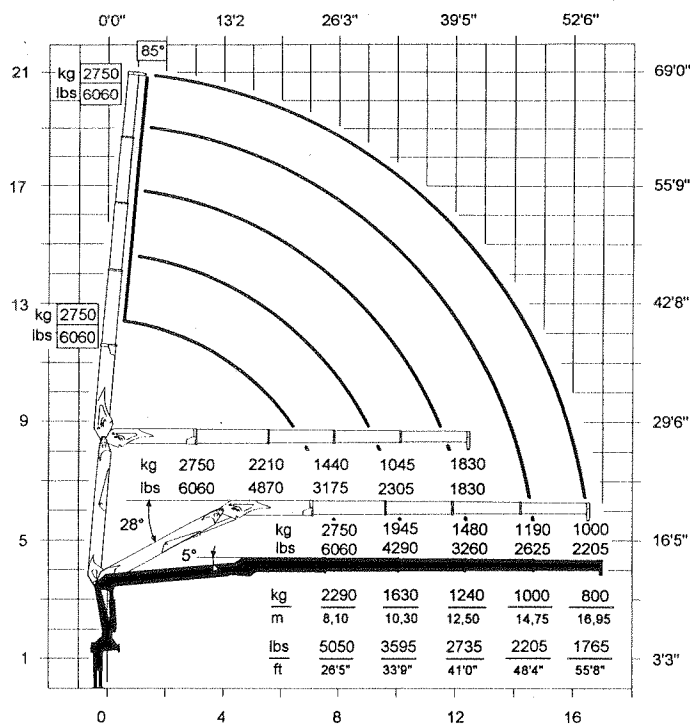
LIFTING CHART



THE WEIGHT OF WALLBOARD FORK AND ROTATOR MUST BE DEDUCTED FROM LIFTING CHART.

LIFTING CHART

F300SE.24



THE WEIGHT OF WALLBOARD FORK AND ROTATOR MUST BE DEDUCTED FROM LIFTING CHART.

TECHNICAL DATA	AMERICAN MEASURES		METRIC SYSTEM	
	.23	.24	.23	.24
Lifting category	lbs/ft	lbs/ft	KNm	KNm
	199000	189355	270	200
Standard reach	ft	ft	m	m
	48'8"	56'0"	14,77	17,00
Hydraulic extension	ft	ft	m	m
	21'10"	29'2"	6,66	8,88
Rotation arc	400 °	400 °	400 °	400 °
Rotation torque	lbs.ft	lbs.ft	KNm	KNm
	34429	34429	46,76	46,76
Working pressure	psi	psi	MPa	MPa
	3625	3625	25,0	25,0
Pump capacity	gal/min	gal/min	l/min	l/min
	16+16	16+16	60+60	60+60
Oil tank capacity	gals	gals	l	l
	48	48	180	180
Outriggers spread	ft	ft	m	m
	18'8"	18'8"	5,70	5,70
Degree of boom elevation	85 °	85 °	85 °	85 °
Crane Weight	lbs	lbs	kg	kg
	9890	10330	4480	4680

WORKING TIMES

	sc	sc	sec.	sec.
360° Rotation	35	35	35	35
Extension time	sc	sc	sec.	sec.
	34	34	34	34
Retraction time	sc	sc	sec.	sec.
	28	28	28	28
Inner boom elevation	sc	sc	sec.	sec.
	25	25	25	25
Inner boom elevation speed	in/sc	in/sc	mm/sec.	mm/sec.
	1,06	1,06	27	27
Outer boom elevation	sc	sc	sec.	sec.
	32	32	32	32
Outer boom elevation speed	in/sc	in/sc	mm/sec.	mm/sec.
	1,45	1,45	37	37

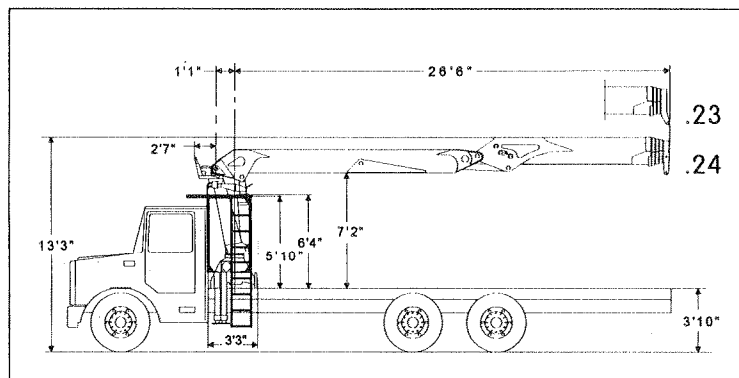
INSTALLATION

MINIMUM CARRIER

Tandem axle, frame RBM 2.5 million (per rail), W.B. 270" CA 192", FA 12,000 lbs., RA 34,000 lbs., GVW 46,000 lbs.

RECOMMENDED CARRIER

Tandem axle, frame RBM 2.5 million (per rail), W.B. 270" CA 192", FA 16,000 lbs., RA 40,000 lbs.,GVW 56,000 lbs.



STANDARD EQUIPMENT

DESIGN

Utilization of high-tensile steel for light weight and greater capacity. "In line" boom design, compact and neat with particular regards of the booms to allow high deck loading clearance. Multi power extension system (MPES) with single stage independent extension cylinders for high extension, retraction speed and easy maintenance. Extension cylinders are located inside the outer boom, for extra protection. Rack and pinion rotation - Corrosion resistant zinc plated pipes and fittings. Nickel plated boom pins - Travelling rod protection on outer boom cylinder. Compact hose protection device, mounted on the outside of the boom, for rotator and fork functions.

CONTROLS

Crane controls from the top seat mounted on the side of the column, including two extra functions, plumbed to boom tip, for use for rotator and wallboard fork; rotation and extension cylinders have foot controls and remaining functions are low effort joy-stick controls. Dual side ladders provide easy access, to the seat, from either side of the truck. Outriggers, hydraulic out and down, have separate controls only from the ground. Superior field of vision from adjustable operators seat.

HYDRAULIC SYSTEM

Pilot operated check valves on all cylinders, for protection, in case of failure or lack of pressure in the hydraulic system. Load limiting valve. Double acting cylinders. Tandem pump, dual circuit. Hydraulic test ports for each pump circuit. SAE hose and hoses fittings.

