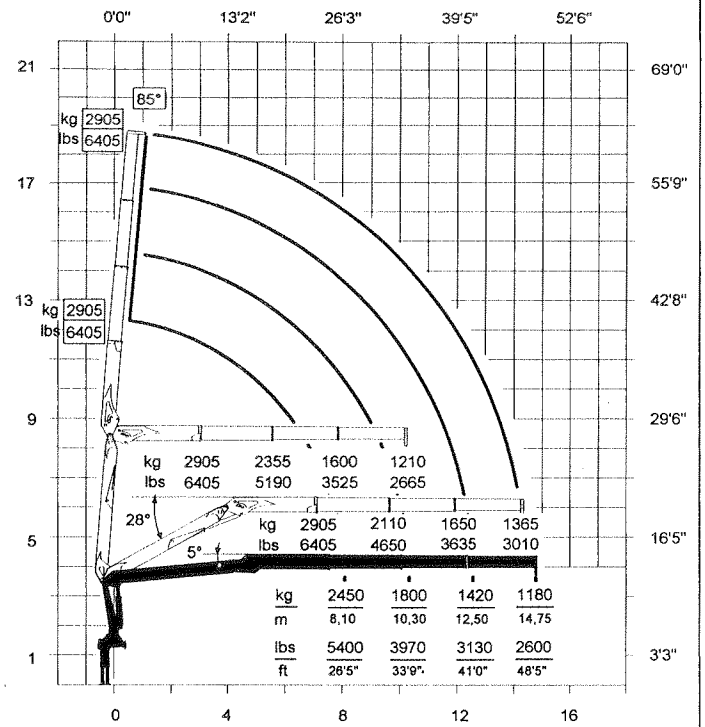
F300SE.23

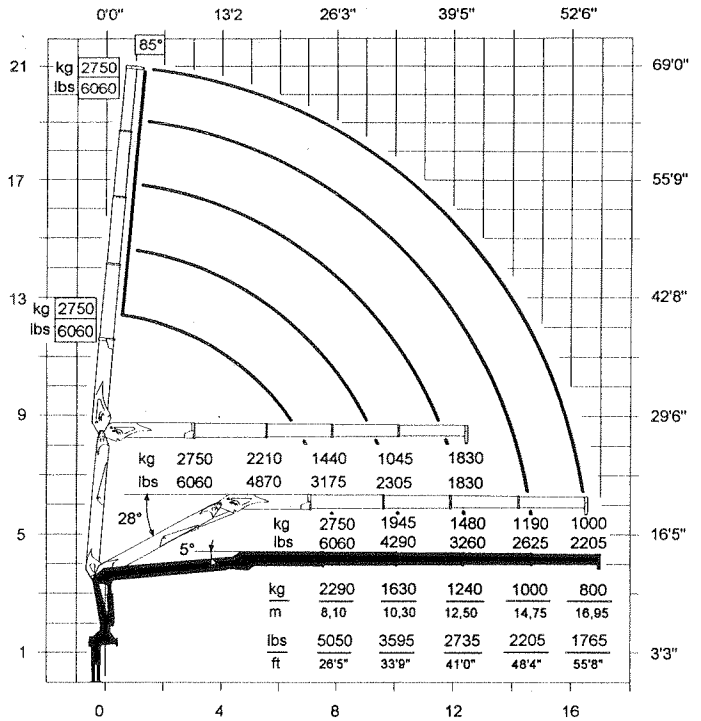
LIFTING CHART



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

F300SE.24

LIFTING CHART



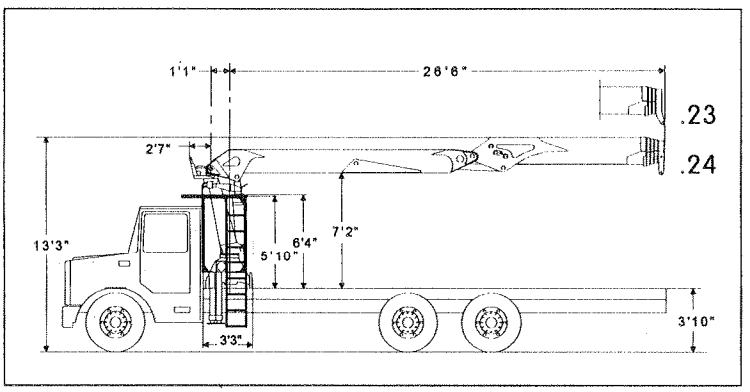
THE WEIGHT OF WALLBOARD FORK AND ROTATOR MUST BE DEDUCTED FROM LIFTING CHART.

TECHNICAL DATA	AMERICAN MEASURES		METRIC SYSTEM	
	.23	.24	.23	.24
Lifting category	lbs/ft 199000	lbs/ft 189355	KNm 270	KNm 200
Standard reach	ft 48'8"	ft 56'0"	m 14,77	m 17,00
Hydraulic extension	ft 21'10"	ft 29'2"	m 6,66	m 8,88
Rotation arc	400 °	400 °	400 °	400 °
Rotation torque	lbs.ft 34429	lbs.ft 34429	KNm 46,76	KNm 46,76
Working pressure	psi 3625	psi 3625	MPa 25,0	MPa 25,0
Pump capacity	gal/min 16+16	gal/min 16+16	l/min 60+60	l/min 60+60
Oil tank capacity	gals 48	gals 48	l 180	l 180
Outriggers spread	ft 18'8"	ft 18'8"	m 5,70	m 5,70
Degree of boom elevation	85 °	85 °	85 °	85 °
Crane Weight	lbs 9890	lbs 10330	kg 4480	kg 4680
WORKING TIMES				
360° Rotation	sc 35	sc 35	sec. 35	sec. 35
Extension time	sc 34	sc 34	sec. 34	sec. 34
Retraction time	sc 28	sc 28	sec. 28	sec. 28
Inner boom elevation	sc 25	sc 25	sec. 25	sec. 25
Inner boom elevation speed	in/sc 1,06	in/sc 1,06	mm/sec. 27	mm/sec. 27
Outer boom elevation	sc 32	sc 32	sec. 32	sec. 32
Outer boom elevation speed	in/sc 1,45	in/sc 1,45	mm/sec. 37	mm/sec. 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.

FASSI GRU IDRAULICHE

FASSI GRU IDRAULICHE S.P.A. - 24021 ALBINO (Bergamo) - ITALY - Via Dei Carmelitani, 2 - Tel. +39 35 774000 - Fax +39 35 755020