

VOLVO 2014 – 6X2, FASSI F660RA2.26

Lorry Tare Weight: 23.000 tonnes

Trailer Tare Weight: 5.800 tonnes

Lorry Load Capacity: 9.000 tonnes

Trailer Load Capacity: 6.200 tonnes

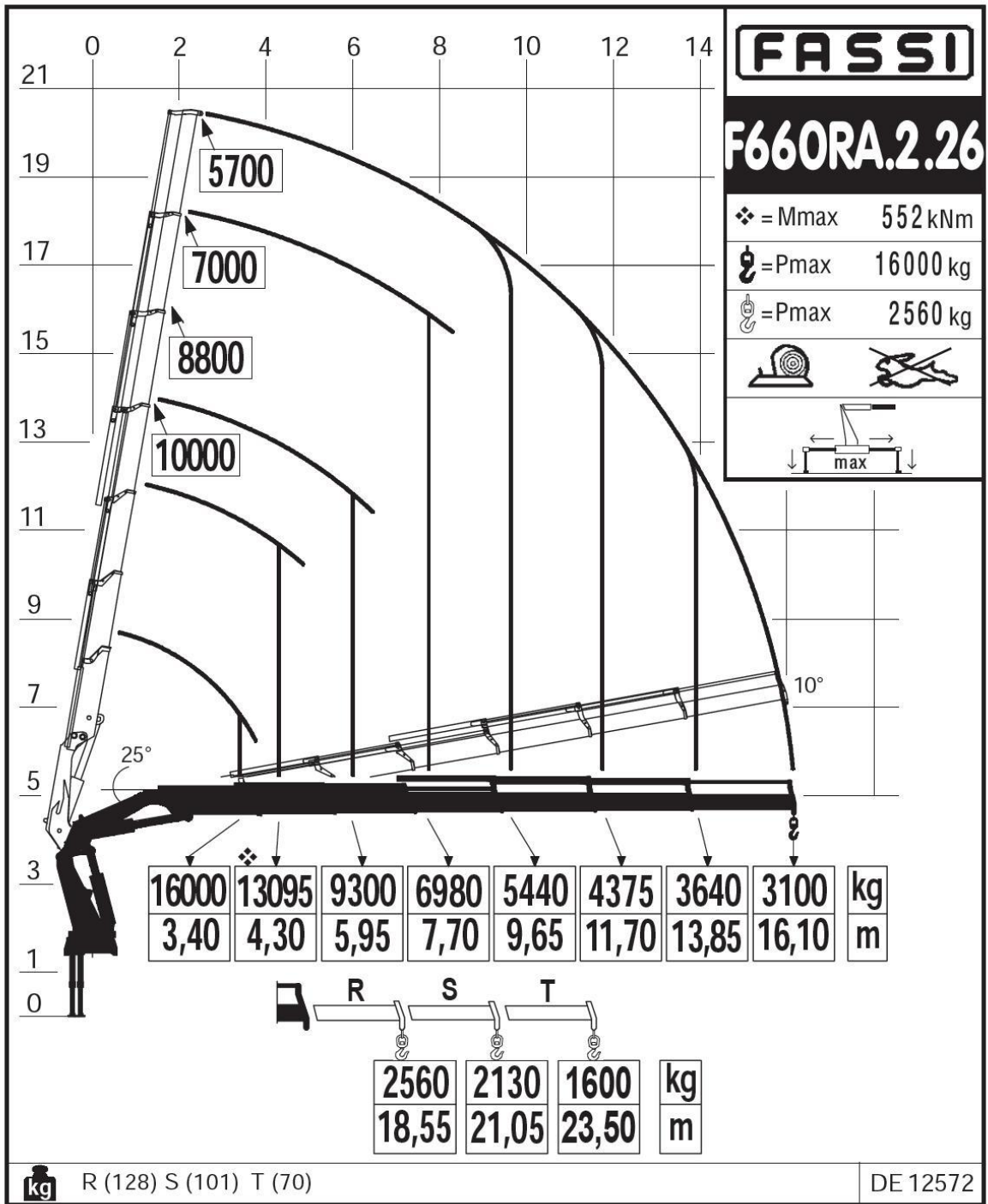
Total Gross Weight: 44.000 tonnes

Wagon n Drag Combined Tare Weight: 28.800 tonnes

Standard Outrigger pad size 500mm x 500mm square

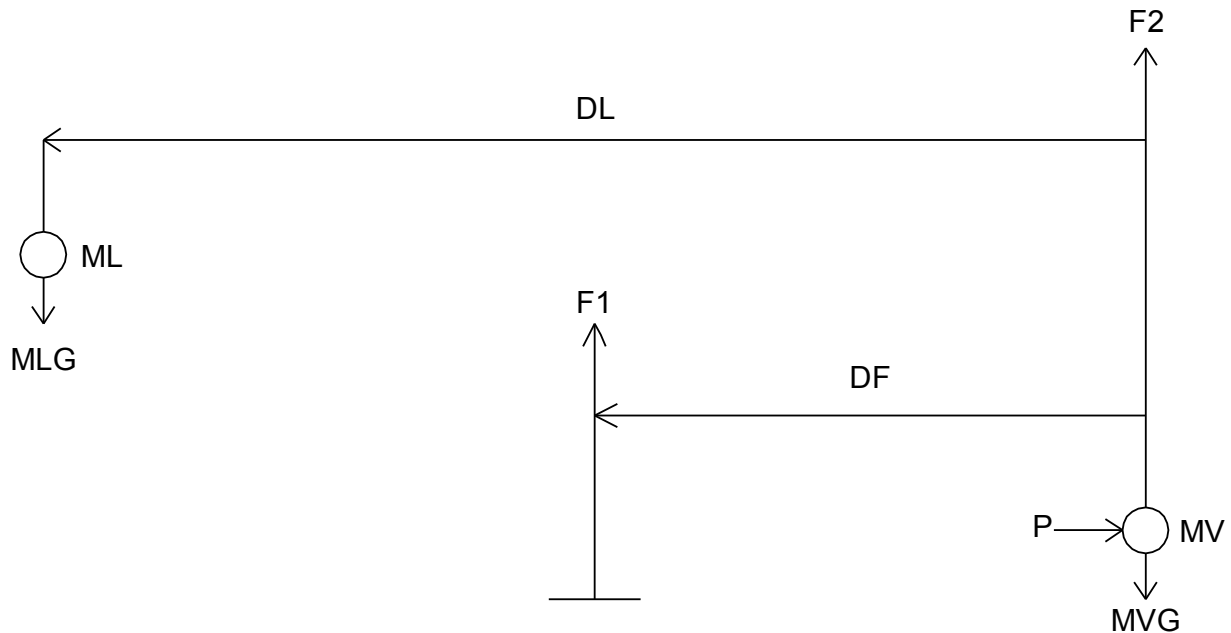
Optional Outrigger pad size 750mm x 750mm square





PRESSURE UNDER FOOT/PAD CALCULATION

FASSI F660RA.2.26



ML = MASS OF LOAD INC LIFTING TACKLE (kgs)

MV = MASS OF VEHICLE (kgs) 23000

DF = DISTANCE FROM CENTRE OF SLEW TO CENTRE OF OUTRIGGER FOOT (mtrs) 4.15

DL = DISTANCE FROM CENTRE OF SLEW TO CENTRE OF LOAD (mtrs)

F1 = FORCE AT FOOT (NEWTONS)

F2 = FORCE AT VEHICLE (Kilo-newtons)

G = FORCE OF GRAVITY (9.8m/s²)

FORMULA FOR FORCE AT C/L OF FOOT, AS PARTICLE FORCE IS AS FOLLOWS:

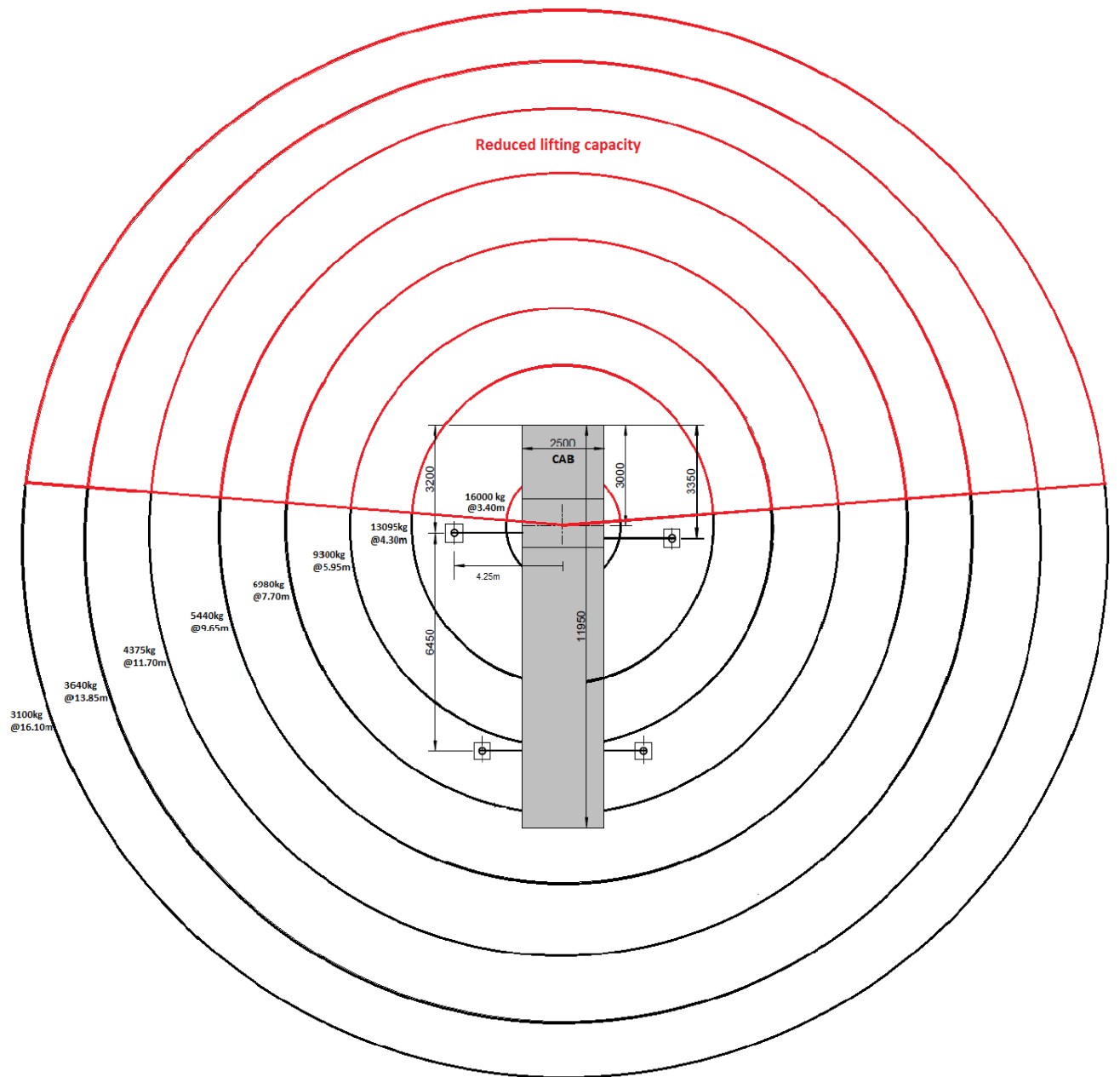
$$F1 = \frac{ML \times G \times DL}{DF}$$

DF

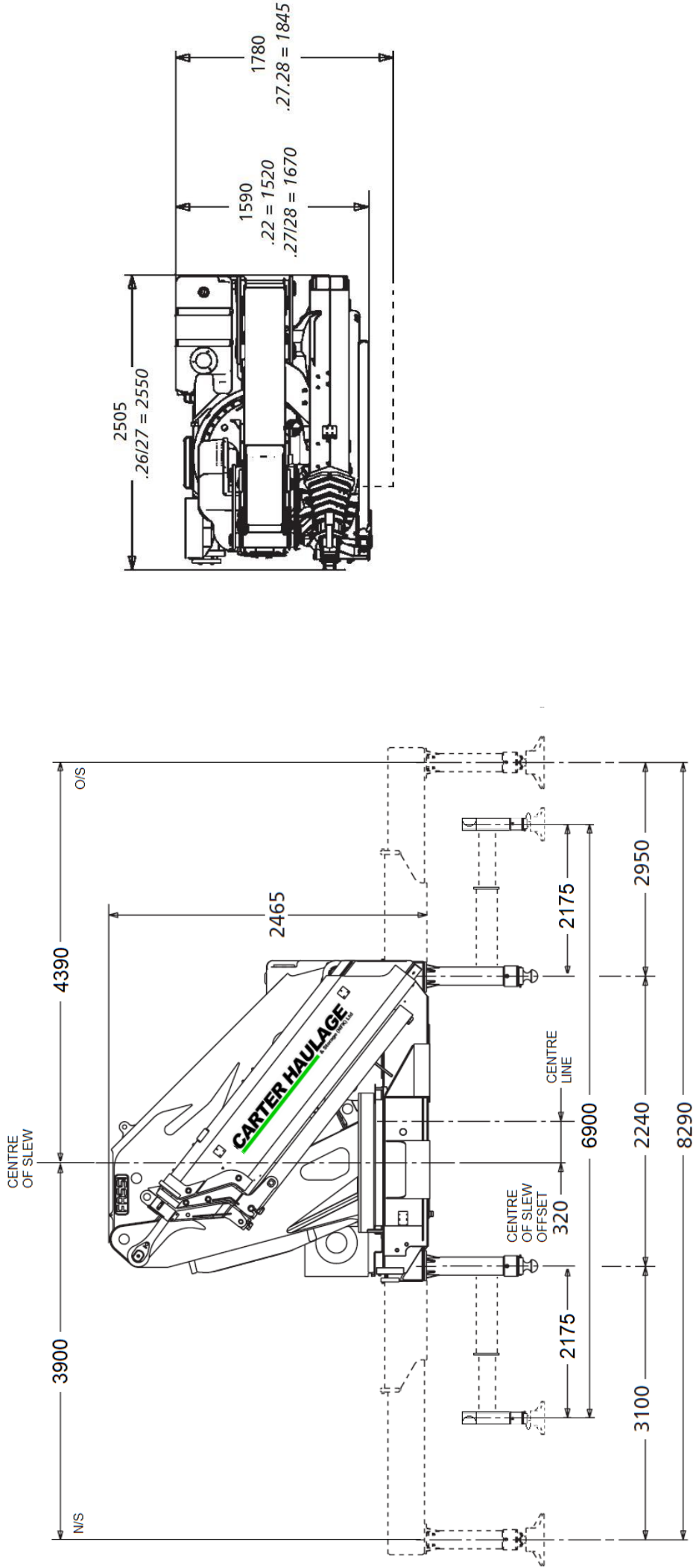
DIVIDE F1 BY AREA OF FOOT/PAD (sq m) TO GIVE FORCE IN N/m²
AREA OF STANDARD FOOT PAD = 0.25

THEREFORE: F1 = X 9.8 X

$$\div 4.15 = \underline{\text{.....}} \div 0.25 = \text{..... KN/m}^2$$



F660RA he-dynamic



F660RA.2

Technical data

kg/m												
	kNm	tm	m	°	kNm	MPa	l/min	oil	kg	mm	mm	
F660RA.2.26	552	56,27	16,40	360 CONTINUOUS	45,0	34,0	70 / 80	250	6400	2550	1590	2465