

# 583R Pipelayer

**CAT**<sup>®</sup>



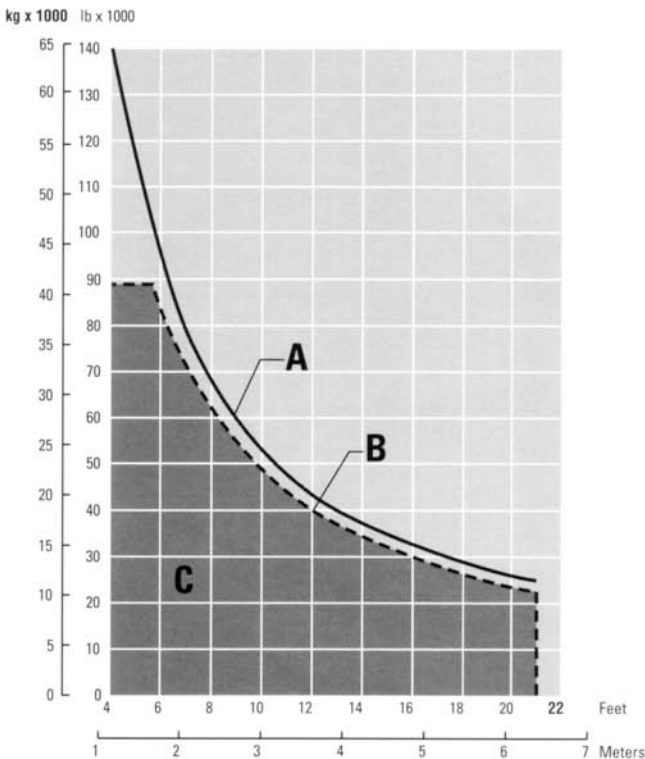
# Pipelaying Equipment

Hydraulic Power – 490 L/min at 18 259 kPa/183 bar (129 GPM at 2650 PSI) and 2100 rpm pump speed independent of torque converter.

## Planetary hydraulic winches

	Hook		Boom	
Drum diameter	343 mm	13.5 in	343 mm	13.5 in
Flange diameter	571 mm	22.5 in	571 mm	22.5 in
Drum length	303 mm	11.9 in	303 mm	11.9 in
Capacity (19 mm/3/4" dia)	126 m	414 ft	126 m	414 ft
Wire rope installed (19 mm/3/4" dia)	62 m	204 ft	49 m	160 ft
Hook speed (lower)	30 m/min	98 ft/min		
Hook speed (raise)	Low	High		
with 6 part line	7.5 m/min (24 ft/min)	22 m/min (73 ft/min)		
Boom	6.10 m (20 ft) square section standard			
Removable counterweight	13 segments, 2 @ 300 kg (662 lb) 6 @ 535 kg (1180 lb) 5 @ 430 kg (948 lb)			
Total weight extendible	9036 kg (19,920 lb)			

## Lifting Capacity



### Specified Equipment:

- 19 mm (3/4") diameter wire rope
- 26 672 kg (58,800 lb) minimum breaking strength
- 6 part load line
- 5 part boom line
- 9036 kg (19,920 lb) counterweight extended
- boom 6.10 m (20 ft) standard
- total operating weight 44 748 kg (98,650 lb)

- A** Max. lift capacity per SAE J743 MAR92
- B** Rated load capacity per ANSI/ASME B30.14
- C** Working range per ANSI/ASME B30.14