

## UR V - CONVENTIONAL CRANE LOADED UNDER ROLLER



### Description:

#### 2 Wheel drive via drive shaft

The under roller assembly consists of four wheels mounted on carriages which rest on two sets of bed beams.

Two wheels are driven by a direct coupled hydraulic motor and a transverse drive shaft. The other two undriven wheels are normally positioned on the loading side. The reel is lifted onto the rollers with a crane.

There are two bolt groups on the bed beams. The outer set is for 8.6 m and 9.2 m diameter reels. Spacer beams are fitted between each pair of beds

Typically product is loaded onto the reel from the non driven side onto the bottom of the drum core. Loading in either direction is possible. Powered wheels are bi-directional, hydraulically and mechanically braked in both directions.

### Specification:

Maximum reel weight including product	200 Te
Reel Diameter	7.8 m to 9.2 m
Reel width between flanges (Other sizes can be accommodated with modified spacer beams)	5 m
Flange width	200 – 220 mm
Maximum rim speed with 50 l/min power pack	16 m/min
Maximum wheel torque @ 210 bar	10 kn/wheel
Wheel rolling diameter	610 mm
Normal hydraulic pressure required	Max 210 bar
Carriage & bed beam weight (without drive motor)	4200 kg
Motor drive assembly weight	800 kg
Hydraulic motor (75 cc/rev)	Samihyraulik H1C/75 S FM1R
Gear box	Brevini ET 3150 MN1 ratio 80:1
Brake unit	FL 350