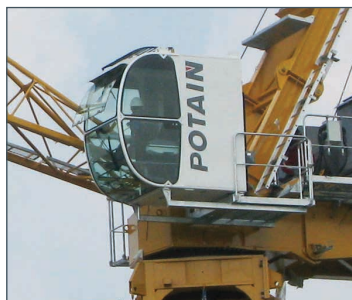


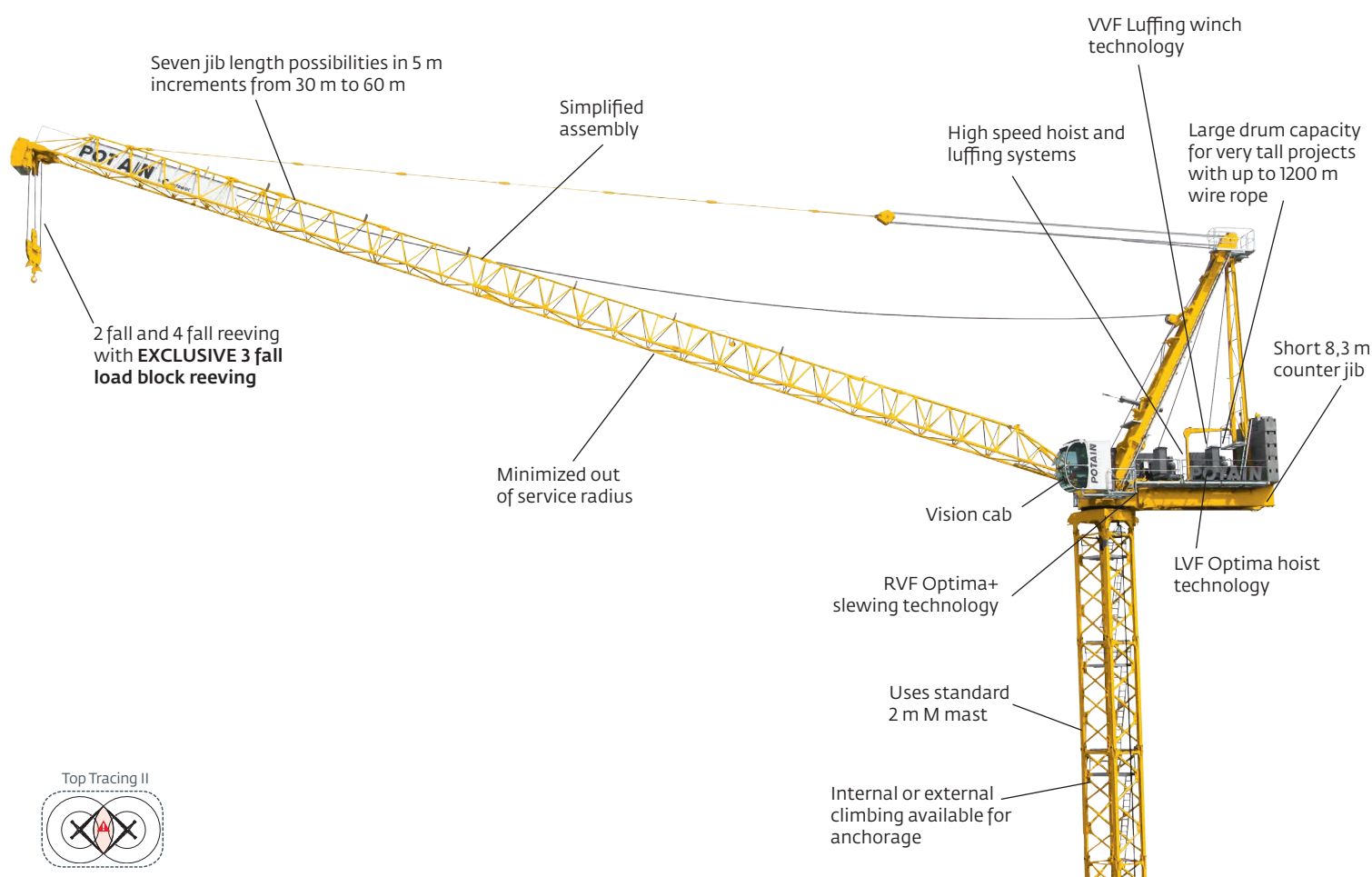
## MCR 295 H16/H20/H25

### Potain Center of Excellence Design

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Maximum capacity:              | 16 t, 20 t, 25 t                                      |
| Maximum operating hook radius: | 60 m                                                  |
| Maximum capacity at 60 m:      | 2.8 t (H16), 2.7 t (H20),<br>2.45 t (H25)             |
| Maximum line speed:            | 117 m/min (H16)<br>245 m/min (H20)<br>191 m/min (H25) |



Vision cab



# SMART AND COMPACT DESIGN SPECIALLY ADAPTED TO HIGH, CRAMPED OR VERY OBSTRUCTED SITES.

## Operational compact dimensions

- Optimized counter jib length 8.3 m
- Minimized out of service radius 18 m - 22 m
- 2.9 m to 5 m minimum radius in service

## Optimal packaging for reduced shipping costs

- Minimized component dimensions for easy transportation
- Complete transport in containers, 6 HC 40' only for the entire slewing crane part with 60 m jib

# POTAIN CENTER OF EXCELLENCE DESIGN MAXIMIZES YOUR PRODUCTIVITY

## High productivity

- Smooth movements due to frequency control Technology
- Powerful hoisting winches (75 hp - 150/180 hp ) make the MCR 295 ideal for jobsites with pre-cast or heavy loads :
  - > Maximum hoisting speeds from 90 m/min up to 245 m/min.
  - > Large drum capacity for very tall projects
  - > Optimized speed depending on the load
  - > Power Control function available on the 150/180 hp winch for reduced electrical demand

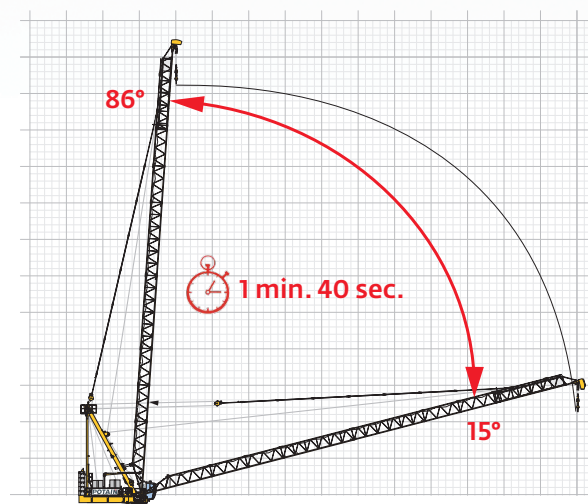
## LVF Optima Technology

- Extremely accurate and reactive luffing movements through VVF technology, 1 min 40s only to completely raise the jib
- Standard 2/3/4 fall reeving
- Optimized load curves can be achieved with unique 3-fall rope reeving,
- Vision cab with Dialog VISU indicators, user-friendly operating cab with exceptional visibility on jobsite

## Simple and safe erection

- Minimized weight of components for simplified assembly
- Simplified mounting of the jib foot with notches on the slewing towerhead
- Easy jib tie bar erection thanks to the standard auxiliary winch
- Rapid pin-connection of the counter-jib

## VVF luffing system



## RVF Optima+ slewing system

- Slewing speeds up to 0.8 rpm

## Wide range of equipment For more comfort for driving, erecting and maintenance

- Standard: Automatic internal slewing ring greasing (cartridges)
- Luffing winch equipped with a safety brake on the drum
- Optional: Anemometer and Top Tracing II, and Air-conditioned cab

| LIFTING HOIST PERFORMANCE |                   |                    |                     |                       |                     |                       |
|---------------------------|-------------------|--------------------|---------------------|-----------------------|---------------------|-----------------------|
|                           | 16 t version      |                    | 20 t version        |                       | 25 t version        |                       |
|                           | 75 LVF 40 Optima  | 100 LVF 40 Optima  | 100 LVF 50 Optima   | 150/180 LVF 50 Optima | 100 LVF 63 Optima   | 150/180 LVF 63 Optima |
| Max hoisting speed        | 90 m/min with 2 t | 117 m/min with 2 t | 94 m/min with 2.5 t | 245 m/min with 0.8 t  | 78 m/min with 2.7 t | 191 m/min with 1.6 t  |
| Drum spooling capacity    | 637 m             | 1136 m             | 1018 m              | 1200 m                | 726 m               | 1200 m                |

