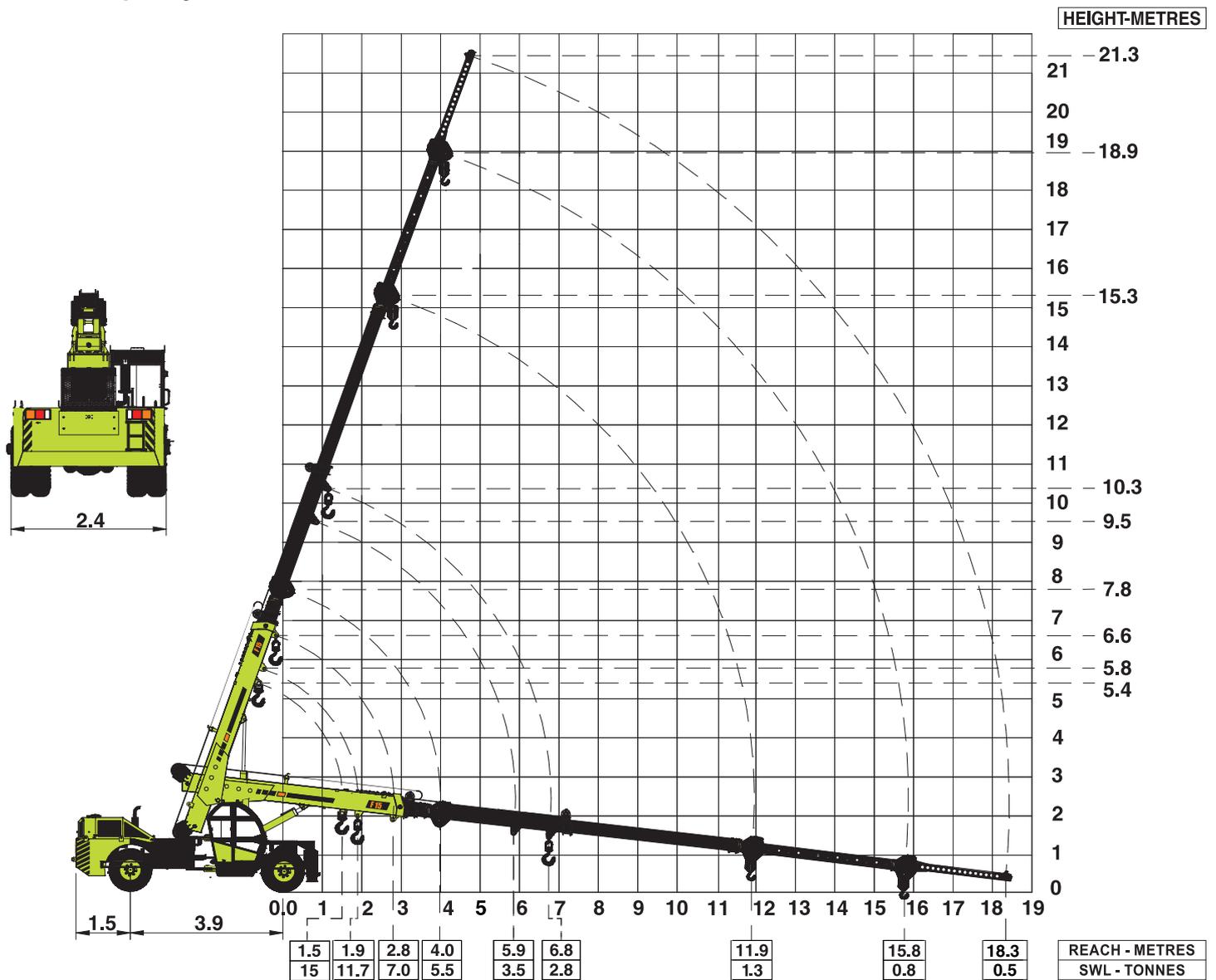


# F15

## PICK & CARRY CRANE



- Max. Capacity Fly jib : 1.25 Tonnes
- Max. Capacity manual extension : 2.0 Tonnes



NOTE - SWL ARE BASED ON 85% STABILITY & STRENGTH

ALL DIMENSIONS IN METERS 5%.

- ▷ Radius is the horizontal Distance Measured from the center of front wheel to the load point
- ▷ S.W.L are based on firm level ground with tyres 11x20 - 16 ply rating to 115 PSI. Weight of hooks, blocks, slings & chain etc. included
- ▷ Lift & Carry - the S.W.L Shall be carried with the minimum boom length & as close to the ground as possible at speed not in excess of 2 kmph.
- ▷ Boom head mounted RHINO hook capacity - 6000 kg

**CARRY CRANES**

AFFORDABLE • RELIABLE • SAFE

# SPECIFICATIONS

|                          |                |  |
|--------------------------|----------------|--|
| <b>RATED CAPACITY</b>    | Max Weight     | 15.0 ton at 1.50 m radius  |
|                          | Max Radius     | 0.8 ton at 15.80 m radius  |
|                          | Max Height     | 18.20 m  |
| <b>BOOM</b>              | Length         | 17.75 m  |
|                          | Luffing Angle  | -6.5 to 70 degrees   |
|                          | Telescoping    | 4 part boom, 3 part hydraulically powered & fully synchronised. 4th part power extended and manually pinned for safety |
|                          | Type           | Slotted boom with rope compensation  |
|                          | Derricking     | Through double acting hydraulic cylinders  |
| <b>DIMENSIONS</b>        | Length         | 9 725 mm   |
|                          | Width          | 2 400 mm   |
|                          | Height         | 3 215 mm   |
| <b>TRACK</b>             | Front          | 1 825 mm   |
|                          | Rear           | 1 825 mm   |
| <b>WHEELBASE</b>         |                | 3 950 mm   |
| <b>OPERATING WEIGHT</b>  | Front          | 6 525 kg   |
|                          | Rear           | 9 000 kg   |
|                          | Total          | 15 525 kg  |
| <b>PERFORMANCE</b>       | Speed          | max 40 km/hr   |
|                          | Gradeability   | 40% unladen  |
| <b>ENGINE</b>            | Make and Model | Diesel engine Turbo charged water cooled, developing 75.3KW @ 2400 RPM   |
| <b>TRANSMISSION</b>      | Drive          | 4 wheel drive  |
|                          | Type           | Synchromesh gearbox with auxillary gearbox. Speeds-10 forward and 2 reverse  |
|                          | Clutch         | Single, dry type friction clutch plate   |
| <b>STEERING</b>          | Type           | Full power orbitrol with twin hydraulic double acting rams   |
|                          | Articulation   | 40 degrees   |
|                          | Turning Radius | 7 200 mm   |
| <b>TYRES</b>             |                | 8 nos. - 11x20 - 16 PR   |
| <b>BRAKES</b>            | Service        | Fully air operated 'S' cam dual circuit brakes on front & rear axles   |
|                          | Parking        | Air operated, spring actuated fail safe brakes   |
| <b>HYDRAULIC SYSTEM</b>  | Pump           | 46 cc/rev  |
|                          | Control Valve  | Control Valve-3 spool double acting with a built in relief & auxillary valves  |
| <b>HOIST MECHANISM</b>   |                | Hydraulically operated with 4 falls Built in safety brakes   |
| <b>ELECTRICAL SYSTEM</b> |                | 24 V, DC   |

