

Technical sheet :

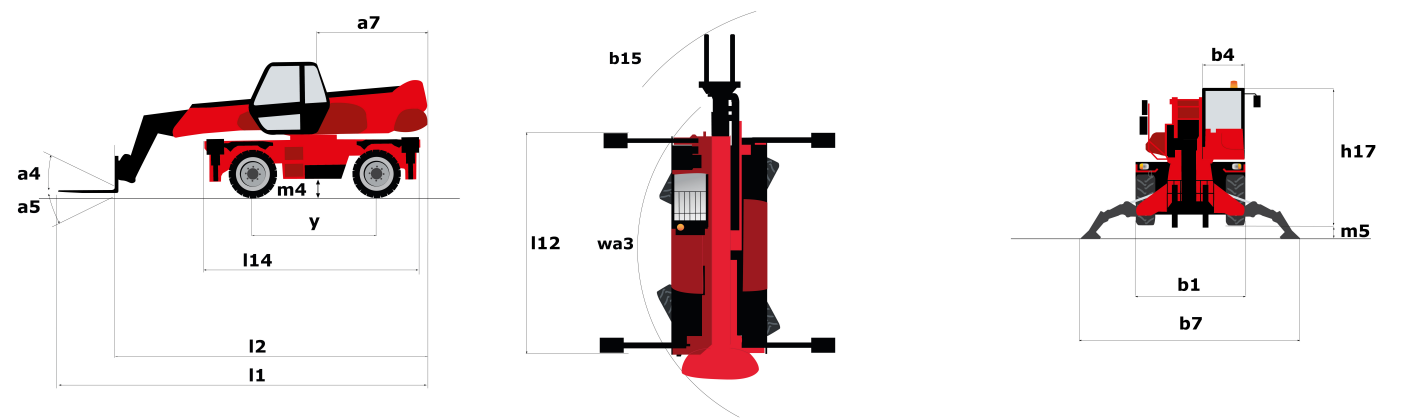
# **MRT 1640 EASY T4 S2 400°**

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| Capacities                                                       |           | Metric                                    | Imperial                                  |
|------------------------------------------------------------------|-----------|-------------------------------------------|-------------------------------------------|
| Max. capacity                                                    | Q         | 4000 kg                                   | 8818 lbs                                  |
| Max. lifting height                                              | h3        | 15.8 m                                    | 51 ft 10 in                               |
| Max. Reach                                                       | l4        | 13.5 m                                    | 44 ft 3 in                                |
| Weight and dimensions                                            |           |                                           |                                           |
| Overall width                                                    | b1        | 2.4 m                                     | 7 ft 10 in                                |
| Overall height                                                   | h17       | 2.97 m                                    | 9 ft 9 in                                 |
| Overall cab width                                                | b4        | 0.95 m                                    | 3 ft 1 in                                 |
| Outer frame turning radius                                       | Wa3       | 3.9 m                                     | 12 ft 10 in                               |
| Ground clearance                                                 | m4        | 0.34 m                                    | 1 ft 1 in                                 |
| Wheelbase                                                        | y         | 2.32 m                                    | 7 ft 7 in                                 |
| Tilt-up angle                                                    | a4        | 12 °                                      | 12 °                                      |
| Tilt-down angle                                                  | a5        | 105 °                                     | 105 °                                     |
| Turret rotation                                                  |           | 400 °                                     | 400 °                                     |
| Overall weight                                                   |           | 12875 kg                                  | 28385 lbs                                 |
| Forks length / width / section                                   | l / e / s | 1200 mm x 125 mm x 50 mm                  | 47.244 in x 4.921 in x 1.969 in           |
| Wheels                                                           |           |                                           |                                           |
| Tyres type                                                       |           | Pneumatic                                 | Pneumatic                                 |
| Standard tyres                                                   |           | 405/70-20                                 | 405/70-20                                 |
| Drive wheels (front / rear)                                      |           | 2 / 2                                     | 2 / 2                                     |
| Stabilisers                                                      |           |                                           |                                           |
| Stabs Type                                                       |           | Wing Type                                 | Wing Type                                 |
| Controls with stabs                                              |           | Stabs Commands Individual or Simultaneous | Stabs Commands Individual or Simultaneous |
| Engine                                                           |           |                                           |                                           |
| Engine brand                                                     |           | Perkins                                   | Perkins                                   |
| Engine norm                                                      |           | Stage 3B / Tier IV Final                  | Stage 3B / Tier IV Final                  |
| Engine model                                                     |           | 854 E-E 34 TA                             | 854 E-E 34 TA                             |
| I.C. Engine power rating / Power (kW)                            |           | 74 Hp / 55 kW                             | 74 Hp / 55 kW                             |
| Max. torque / Engine rotation                                    |           | 424 Nm/m @ 1200 tr/min                    | 424 Nm/m @ 1200 tr/min                    |
| Number of cylinders - Capacity of cylinders                      |           | 4 - 3400 cm³                              | 4 - 207.48 in³                            |
| Injection                                                        |           | engine Injection direct                   | engine Injection direct                   |
| Engine cooling system                                            |           | Water                                     | Water                                     |
| Battery / Batteries capacity                                     |           | 12 V / 120 Ah                             | 12 V / 120 Ah                             |
| Transmission                                                     |           |                                           |                                           |
| Transmission type                                                |           | Hydrostatic                               | Hydrostatic                               |
| Number of gears (forward / reverse)                              |           | 2 / 2                                     | 2 / 2                                     |
| Max. travel speed (may vary according to applicable regulations) |           | 32 km/h                                   | 19.9 mph                                  |
| Drawbar pull (Laden)                                             |           | 8600 daN                                  | 8600 daN                                  |
| Parking brake                                                    |           | Automatic Negative Hand-brake             | Automatic Negative Hand-brake             |
| Service brake                                                    |           | Hydraulic                                 | Hydraulic                                 |
| Hydraulics                                                       |           |                                           |                                           |
| Hydraulic pump type                                              |           | Gear pump                                 | Gear pump                                 |
| Hydraulic flow                                                   |           | 115 l/min                                 | 115 l/min                                 |
| Hydraulic Pressure                                               |           | 270 Bar                                   | 19 PSI                                    |
| Tank capacities                                                  |           |                                           |                                           |
| Engine oil                                                       |           | 8.50 l                                    | 1.87 gal                                  |
| Hydraulic oil                                                    |           | 150 l                                     | 33 gal                                    |
| Fuel tank                                                        |           | 130 l                                     | 28.60 gal                                 |
| Noise and vibration                                              |           |                                           |                                           |
| Noise at driving position (LpA)                                  |           | 79.7 dB(A)                                | 79.7 dB(A)                                |
| Noise to environment (LwA)                                       |           | 104 dB(A)                                 | 104 dB(A)                                 |
| Vibration to whole hand/arm                                      |           | < 2.50 m/s²                               | < 2.50 m/s²                               |
| Miscellaneous                                                    |           |                                           |                                           |
| Steering wheels (front / rear)                                   |           | 2 / 2                                     | 2 / 2                                     |
| Controls                                                         |           | 2 Joysticks                               | 2 Joysticks                               |
| Safety cab homologation                                          |           | Cab ROPS - FOPS Level 2                   | Cab ROPS - FOPS Level 2                   |
| Attachment recognition system (E-Reco)                           |           | Standard                                  | Standard                                  |

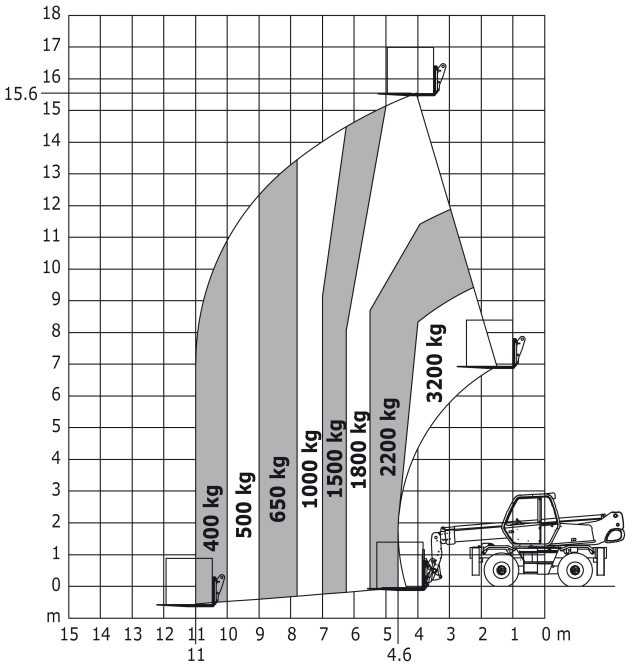
# Dimensional drawing



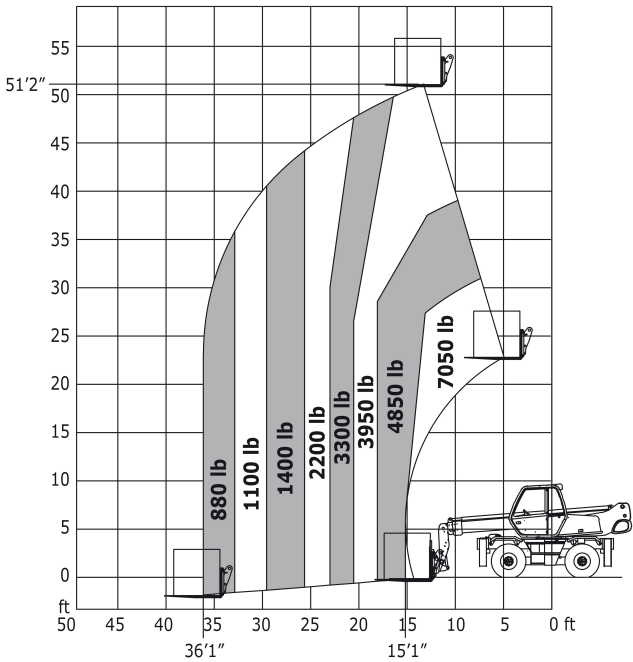
| Other data                                        |     | Metric | Imperial    |
|---------------------------------------------------|-----|--------|-------------|
| Overall length (with forks)                       | l1  | 7.56 m | 24 ft 10 in |
| Length to face of forks                           | l2  | 6.36 m | 20 ft 10 in |
| Length of frame                                   | l14 | 4.35 m | 14 ft 3 in  |
| Wheelbase                                         | y   | 2.32 m | 7 ft 7 in   |
| Ground clearance                                  | m4  | 0.34 m | 1 ft 1 in   |
| Counterweight offset (turret at 90°)              | a7  | 2.49 m | 8 ft 2 in   |
| Tilt-up angle                                     | a4  | 12 °   | 12 °        |
| Tilt-down angle                                   | a5  | 105 °  | 105 °       |
| Overall length at stabilisers                     | l12 | 4.3 m  | 14 ft 1 in  |
| Outer frame turning radius                        | Wa3 | 3.9 m  | 12 ft 10 in |
| Outer turning radius (with forks)                 | b15 | 5.52 m | 18 ft 1 in  |
| Overall width                                     | b1  | 2.4 m  | 7 ft 10 in  |
| Overall width with stabilisers extended           | b7  | 3.98 m | 13 ft 1 in  |
| Overall cab width                                 | b4  | 0.95 m | 3 ft 1 in   |
| Overall height                                    | h17 | 2.97 m | 9 ft 9 in   |
| Ground clearance under front tires on stabilizers | m5  | 0.16 m | 6 in        |

Load chart

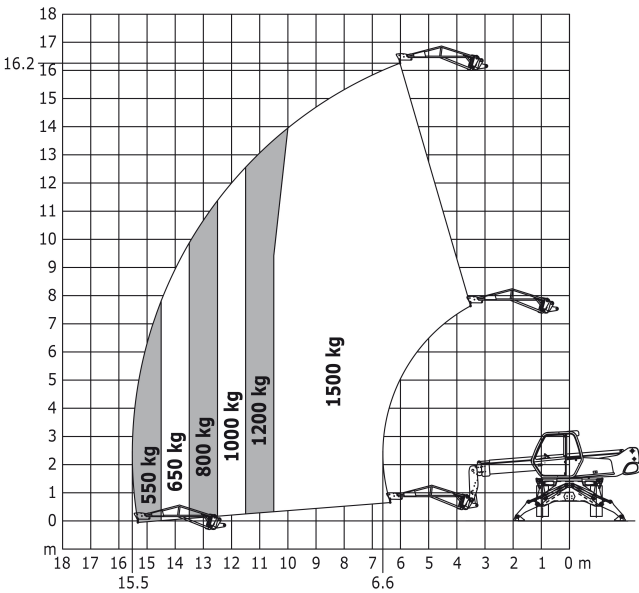
Machine on tyres with forks Metric



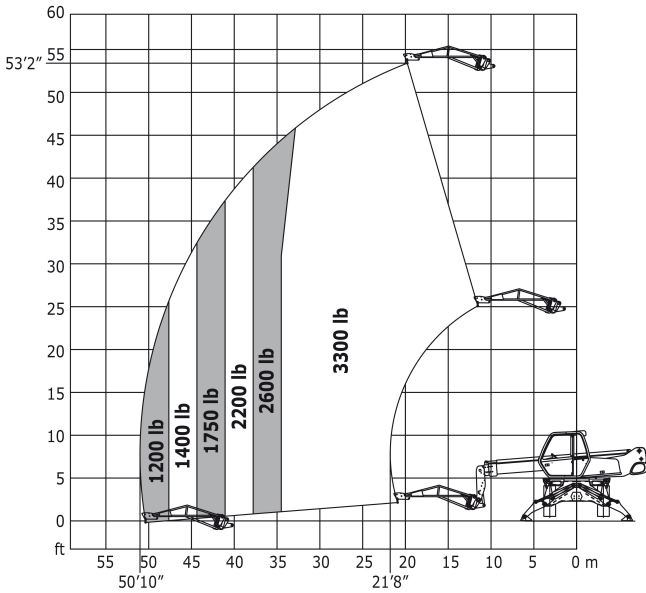
Machine on tyres with forks Imperial



Rotation on lowered stabilisers with 1500 kg jib Metric

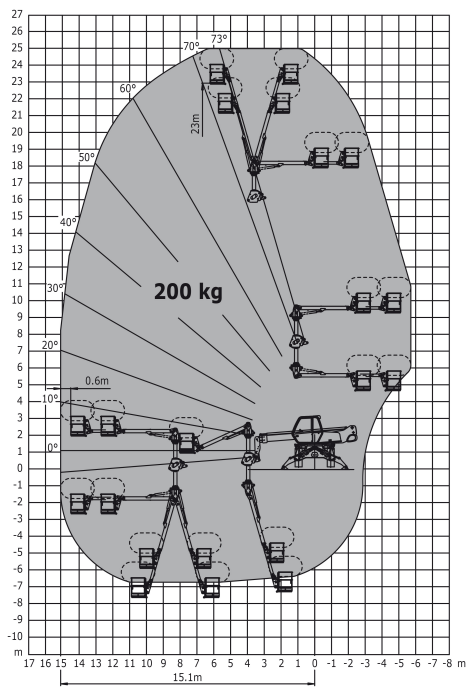


Rotation on lowered stabilisers with 1500 kg jib Imperial

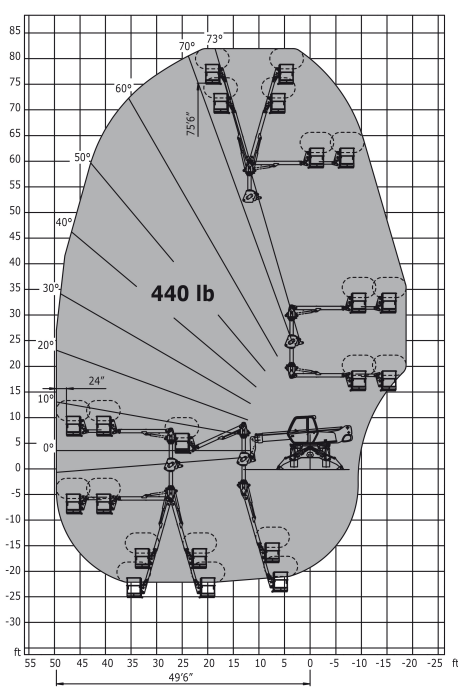




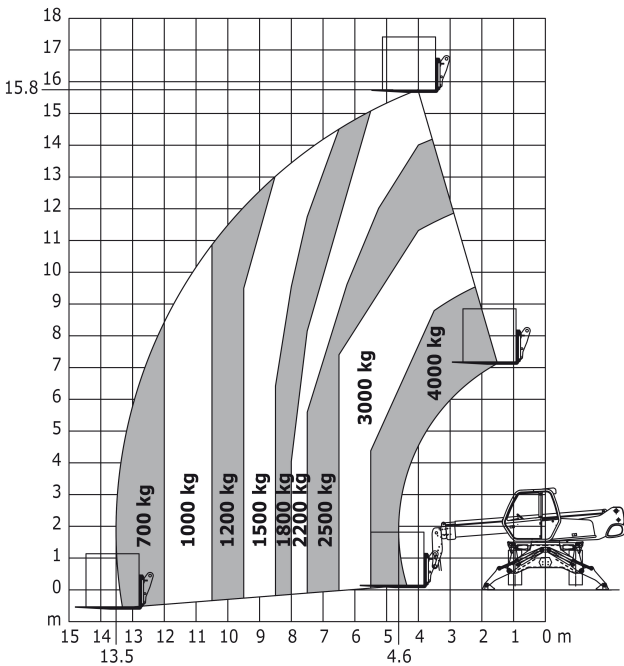
Rotation on lowered stabilisers with 3D  
positive / negative Metric



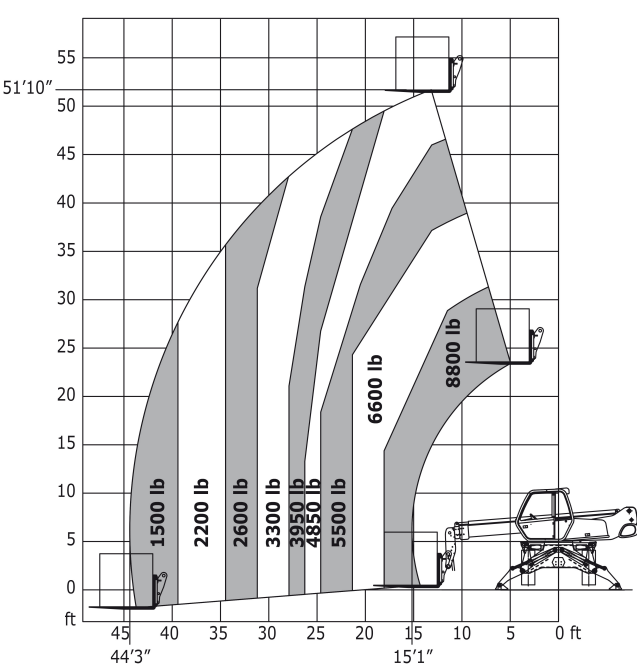
Rotation on lowered stabilisers with 3D  
positive / negative Imperial



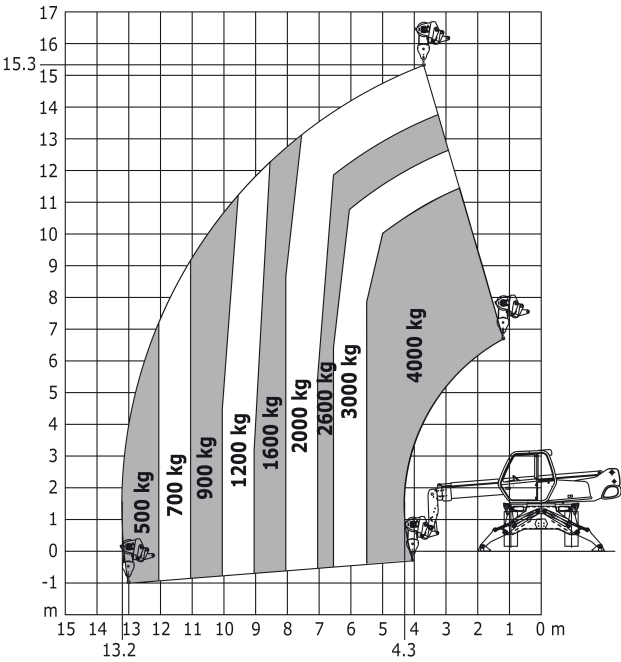
Rotation on lowered stabilisers with forks  
Metric



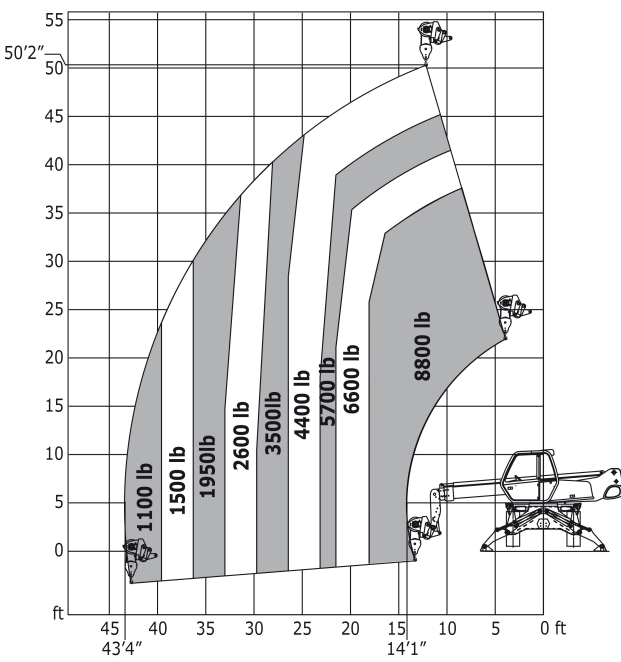
Rotation on lowered stabilisers with forks  
Imperial



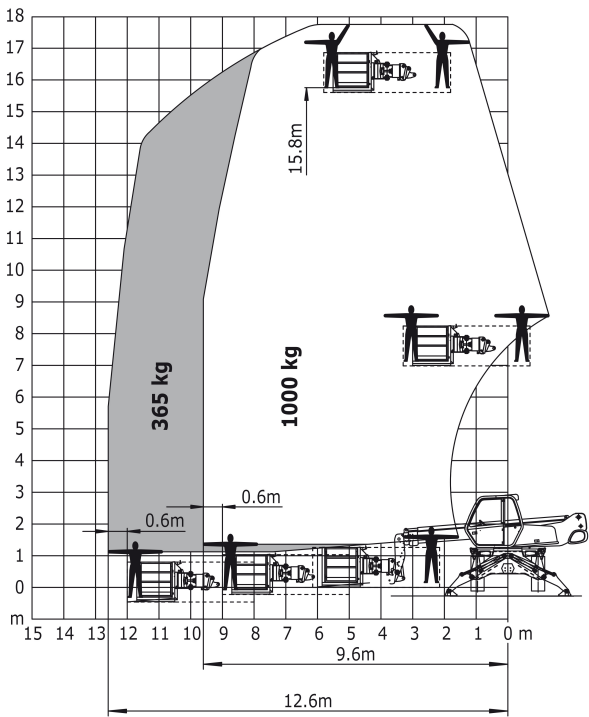
Rotation on lowered stabilisers with winch  
5000 kg Metric



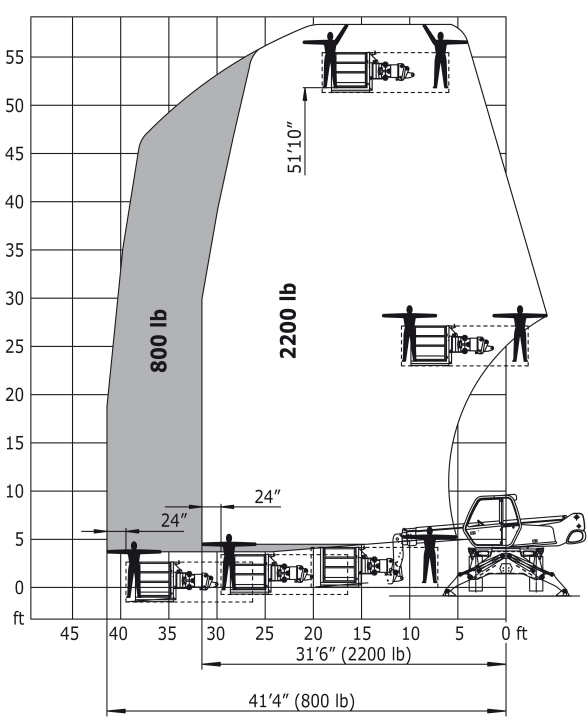
Rotation on lowered stabilisers with winch  
5000 kg Imperial

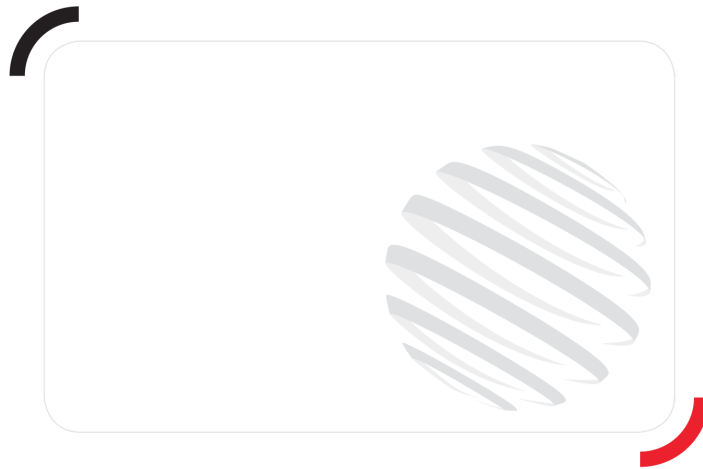


Rotation on lowered stabilisers with 365/1000  
kg platform Metric



Rotation on lowered stabilisers with 365/1000  
kg platform Imperial





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