

Technical sheet :

# MRT-X 3570

**VISION +**



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Metric   |
|---|-----------|--|
| Max. capacity                               |           | 7000 kg  |
| Max. lifting height                         |           | 34.70 m  |
| Max. outreach                               |           | 28 m   |
| Weight and dimensions                       |           |  |
| Overall length (with forks)                 | l1        | 10.06 m  |
| Length to face of forks                     | l2        | 8.86 m   |
| Overall width                               | b1        | 2.50 m   |
| Overall height                              | h17       | 3.26 m   |
| Overall cab width                           | b4        | 0.96 m   |
| Ground clearance                            | m4        | 0.44 m   |
| Wheelbase                                   | y         | 3.75 m   |
| Tilt-up angle                               | a4        | 13 °   |
| Tilt-down angle                             | a5        | 108 °  |
| Turret rotation                             |           | 360 °  |
| Overall weight                              |           | 23800 kg   |
| Forks length / width / section              | l / e / s | 1200 mm x 125 mm x 60 mm                               |
| Wheels                                      |           |  |
| Standard tires                              |           | 17,5-R25   |
| Drive wheels (front / rear)                 |           | 2 / 2  |
| Steering mode                               |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilisers                                 |           |  |
| Stabilisers Type                            |           | Telescopic Triplex                                     |
| Controls with stabs                         |           | Stabs Commands Individual or Simultaneous              |
| Engine                                      |           |  |
| Engine brand                                |           | Yanmar   |
| Engine nom                                  |           | Stage IIIA   |
| Engine model                                |           | 4TN107FTT-6SMU2  |
| I.C. Engine power rating / Power            |           | 211 Hp / 155 kW  |
| Max. torque / Engine rotation (min)         |           | 805 Nm @ 1500 rpm                                      |
| Number of cylinders - Capacity of cylinders |           | 4 - 4567 cm³   |
| Engine cooling system                       |           | Water cooled   |
| Electric circuit                            |           |  |
| Number of batteries / Battery voltage       |           | 2 x 12 V   |
| 12V Battery capacity                        |           | 120 Ah   |
| Battery starting current                    |           | (EN)850 A  |
| Transmission                                |           |  |
| Transmission type                           |           | Hydrostatic with CVT                                   |
| Gearbox                                     |           | Speedshift   |
| Max. travel speed                           |           | 40 km/h  |
| Drawbar pull                                |           | 9300 daN   |
| Parking brake                               |           | Automatic negative parking brake                       |
| Service brake                               |           | Oil-immersed multi-discs braking on front & rear axles |
| Performances                                |           |  |
| Gradeability (laden / unladen)              |           | 29 % / 38.70 %   |
| Hydraulics                                  |           |  |
| Hydraulic pump type                         |           | Variable displacement pump                             |
| Hydraulic flow                              |           | 172 l/min  |
| Hydraulic Pressure                          |           | 350 bar  |
| Tank capacities                             |           |  |
| Engine oil                                  |           | 13 l   |
| Fuel tank                                   |           | 320 l  |
| Noise and vibration                         |           |  |
| Noise at driving position (LpA)             |           | 68 dB  |
| Noise to environment (LWA)                  |           | 109 dB   |
| Vibration on hands/arms                     |           | < 2.60 m/s²  |
| Miscellaneous                               |           |  |
| Steering wheels (front / rear)              |           | 2 / 2  |
| Controls                                    |           | 2 Joysticks  |
| Safety cab homologation                     |           | Cabin ROPS - FOPS level 2                              |
| Attachment recognition system (E-Reco)      |           | Standard   |



Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric



Machine on lowered stabilisers with hook 9000 kg (Metric)

Machine on lowered stabilisers with 365 kg platform Metric



# Machine on lowered stabilisers with 3D positive Metric





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