

## Beladingstabellen

|                                                                                            |                                             |
|--------------------------------------------------------------------------------------------|---------------------------------------------|
| Met vorken en standaard 405/70 x 20 banden of DUNLOP 400/70 x 20 150B 168A2 (optie) banden | Complies with stability test EN1459 Annex B |
| Met vorken en DUNLOP 400/80 x 24 156B (optionele) banden                                   | Complies with stability test EN1459 Annex B |
| Met vorken en DUNLOP 405/70 x 20 SPT9 (optionele) banden                                   | Complies with stability test EN1459 Annex B |

## Prestaties

|                                                   |           |
|---------------------------------------------------|-----------|
| Trekkracht trekstang (20-inch banden)             | 2900.00   |
| Max. reach (20" tyres BT)                         | 3300 mmMM |
| Hefhoogte (16,5-inch banden BT)                   | 5900.00MM |
| Nominale werkcapaciteit                           | 2500.00KG |
| Werkcapaciteit (bij max. hoogte op banden)        | 1800.00KG |
| Tipping load at maximum reach 16,5" (ISO 14397-1) | 900 kgKG  |
| Capacity at max. reach (16.5" tyres)              | 800.00KG  |
| Reach at max height on tyres (16.5" tyres BT)     | 539.00MM  |
| Uitbreekkkracht kippen - ISO8313                  | 3400      |
| Tipping load at maximum reach 20" (ISO 14397-1)   | 900 kgKG  |
| Trekkracht trekstang (16,5-inch banden)           | 3350.00   |
| Reach at max height on tyres (20" tyres BT)       | 479 mmMM  |
| Capacity at max. reach (20" tyres)                | 800.00KG  |
| Lift Breakout force (ISO 8313)                    | 2700      |
| Max. reach (16.5" tyres BT)                       | 3300.00MM |

## Draaitijd

|                                        |            |
|----------------------------------------|------------|
| Boom extension at max. height no load  | 5.4 secSEC |
| Boom retraction at max. reach no load  | 3.4 secSEC |
| Bak intrekken                          | 2.90       |
| Boom raising no load                   | 5.6 secSEC |
| Kippen                                 | 2.70       |
| Boom lowering no load                  | 4 secSEC   |
| Boom extension at max. reach no load   | 5.4 secSEC |
| Boom retraction at max. height no load | 3.4 secSEC |

## Hydraulisch systeem

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Relief valve pressure    | 250 barBAR                                       |
| Flow hulphydrauliek voor | 80.00                                            |
| Pomptype                 | Tandwielpomp                                     |
| Hydrauliefilter          | Full flow filtration                             |
| Regelklep                | Flow sharing valve, Electro proportional control |
| Pompvermogen             | 80.00                                            |

## Aandrijving

|                  |                                          |
|------------------|------------------------------------------|
| Hoofdaandrijving | Hydrostatische motor                     |
| Transmissie      | Hydrostatisch met elektronische regeling |

## Tractie

|                  |                                          |
|------------------|------------------------------------------|
| Optionele banden | CAMSO 14-17,5 SKS 532 14PR (R1 category) |
| MICHELIN         | 300-16,5 BIBSTEEL (R2 category)          |
| TRELLEBORG 36X14 | -20/7,5 HPS Solidflex (R1 category)      |
| MICHELIN 280     | /80R18 XMCL 132A8 (R2 category)          |

## Remmen

|                     |                    |
|---------------------|--------------------|
| Op de motor remmen  | Hydrostatisch      |
| Service brake       | Oil immersed discs |
| Parkeer- en noodrem | Passieve rem       |

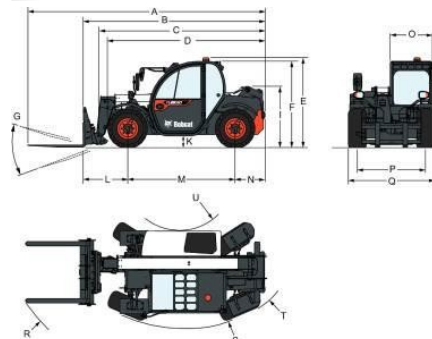
## Besturing

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Besturingsmodus   | 2 wheel steering / 4 wheel steering / Crab steering |
| Stuurpomp         | Prioriteitsklep op pomp                             |
| Stuurinstellingen | Knop en scherm voor selectie                        |

## Inhoud vloeistoffen

|                                   |       |
|-----------------------------------|-------|
| Motorolie met filter              | 9 IL  |
| Koelsysteem met verwarming        | 9.00L |
| Hydraulisch systeem met reservoir | 70 IL |

## Afmetingen



### Width over 20" tyres

|                 |                 |
|-----------------|-----------------|
| (C) 3647.00 MM  | (A) 5208.00 MM  |
| (E*) 2124.00 MM | (B) 3989.00 MM  |
| (M) 2360.00 MM  | (D*) 3488.00 MM |
| (Q) 1832.00 MM  | (E) 2085.00 MM  |
| (U) 1165.00 MM  | (F*) 1969.00 MM |
| (D) 3442.00 MM  | (I*) 1379.00 MM |
| (F) 1930.00 MM  | (K) 250.00 MM   |
| (I) 1340.00 MM  | (K*) 289.00 MM  |
| (N) 662.00 MM   | (L) 1044.00 MM  |
| (P) 1500.00 MM  | (O) 930.00 MM   |
| (R) 4271.00 MM  | (S) 3235.00 MM  |
| (R*) 4593.00 MM | (U*) 1676.00 MM |
| (G) 134.00      |                 |

|                                               |        |
|-----------------------------------------------|--------|
| Axles rear                                    | 6 IL   |
| Axles front                                   | 6 IL   |
| Hydraulic reservoir                           | 42 IL  |
| Versnellingsbak                               | 0.70L  |
| Autonomie vergrote tank op 75% last - primair | 65.00L |

Vloeistofspecificaties

|                                                   |                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Transmissieolie                                   | ELF SF3 / TOTAL DYNATRANS FR                                                                                     |
| Hydraulische vloeistof                            | MS66                                                                                                             |
| Koelvloeistof                                     | Ethyleenglycolmengsel -37 °C (34,6 °F)                                                                           |
| Remvloeistof                                      | Geen. Remmen werken op druk van hydraulisch systeem.                                                             |
| Motorolie                                         | ACEA E7/9 API CJ-4 of hoger Viscositeit: -20 tot 40°C: SAE 5W30 -15 tot 40°C: SAE 10W30 -10 tot 40 °C: SAE 15W30 |
| Smeervet voor scharnieren en glijders van de giek | TOTAL MULTIS EP2                                                                                                 |

Bedieningselementen

|                                       |                                                                      |
|---------------------------------------|----------------------------------------------------------------------|
| Besturing                             | Proportionele hydraulische besturing via een conventioneel stuurwiel |
| Bedrijfsrem                           | Met pedaal bediende natte lamellenrem op vooras                      |
| Motor                                 | Elektronische toerentalregelaar                                      |
| Eco-modus                             | Schakelaar ECO-modus                                                 |
| Boom extension /retraction            | Variable thumbwheel on joystick                                      |
| Voorste hulphydrauliek                | Variabel duimwiel op joystick                                        |
| Starten                               | Start- en uitzetschakelaar met sleutel                               |
| Secundaire rem                        | Passieve rem                                                         |
| Speed range and Forward/reverse drive | Switch for hydrostatic motor and switch on joystick or lever for FNR |
| Aflaten druk hulphydrauliek           | Bobcat Coupler                                                       |
| Boom raising / lowering               | Joystick electronic                                                  |
| SHS-modus                             | Schakelaar SHS-modus                                                 |

Milieuvriendelijk karakter

|                                             |                |
|---------------------------------------------|----------------|
| Whole body vibration (EN 13059) 20" tyres   | 1.2 m/s2MPERS2 |
| Whole body vibration 16.5" tyres (EN 13059) | 1.3 m/s2MPERS2 |
| Geluidsvermogeniveau (LWA)                  | 104.00         |
| Geluidsniveau bestuurder (LpA) (EN 12053)   | 75.00          |

Veiligheid

|                                                |                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parkeerrem, standaard                          | Activeer altijd de parkeerrem wanneer u uit de machine stapt.                                                                                                               |
| Volledig voorziene bestuurderscabine standaard | "Enclosed operator cab. Meets SAE-J1040 and ISO 3471 for Roll Over Protective Structure (ROPS) and SAE-J1043 and ISO 3449 for Falling Objects Protection Structure (FOPS)." |
| Werklichten voor- en achteraan, standaard      | Use for indoor and low light operation                                                                                                                                      |
| Giekstop, standaard                            | Gebruiken bij onderhoud als giek omhoog staat                                                                                                                               |
| Tabellen nominale draagcapaciteit, standaard   | "Attached inside the cab. Provide rated load capacities for loads and attachments."                                                                                         |
| Achteruitrijalarm, standaard                   | "Voor gebruik bij werk met gering zicht. Alarm klinkt bij achteruitrijden."                                                                                                 |
| Achterrauit, standaard                         | Als nooduitgang.                                                                                                                                                            |
| Veiligheidsgordel, standaard                   | Moet tijdens het besturen van de machine altijd worden omgedaan                                                                                                             |
| Noodalarm, standaard                           | Schakelt de motor uit en blokkeert giekbewegingen.                                                                                                                          |
| Handgrepen, standaard                          | "Moeten altijd worden gebruikt bij in- of uitstappen.                                                                                                                       |

Elektrische uitrusting

|            |                   |
|------------|-------------------|
| Accu       | 110 Ah / 900 CCA  |
| Startmotor | 2.7 kW (3.6 HP)KW |
| Alternator | 90 A              |

Motor

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Rated power speed             | 2400 rpmRPM                                      |
| Maximum torque at rated speed | 280 nmNEWTON-M                                   |
| Cilinderinhoud                | 2392                                             |
| Merk / Model                  | Bobcat DM02                                      |
| Smering                       | Druk tandwielpomp                                |
| Beluchting van krukas         | Afgesloten beluchting                            |
| Slag                          | 94.00MM                                          |
| Boring                        | 90.00MM                                          |
| Ontsteking                    | Diesel met compressieontsteking                  |
| Luchtfilter                   | Vervangbare droge patroon met veiligheidselement |
| Koeling                       | KOELVLOEISTOF                                    |
| Brandstof                     | DIESEL                                           |
| Rated torque speed            | 1600 rpmRPM                                      |

|                                                      |           |
|------------------------------------------------------|-----------|
| Maximum power at rated speed (ISO 14396)             | 54,6 kwKW |
| Aantal cilinders                                     | 4.0       |
| Gewichten                                            |           |
| Unladen shipping weight (16.5" tyres)                | 4308 kgKG |
| Unladen operating weight on front axle (16.5" tyres) | 2059.00KG |
| Unladen operating weight (20" tyres)                 | 4549.00KG |
| Unladen operating weight (16.5" tyres)               | 4445.00KG |
| Unladen operating weight on rear axle (16.5" tyres ) | 2386.00KG |
| Unladen operating weight on rear axle (20" tyres)    | 2477.00KG |
| Unladen operating weight on front axle (20" tyres)   | 2072.00KG |
| Unladen shipping weight (20" tyres)                  | 4413 kgKG |

Instrumenten

|                                                  |                                              |
|--------------------------------------------------|----------------------------------------------|
| Instruments                                      | • Meters                                     |
| ◦ Motortoerental                                 | ◦ Totale bedrijfsuren                        |
| ◦ Bedrijfsuren job                               | ◦ Giekhoeck                                  |
| • Brandstofmeter                                 | ◦ Meter temperatuur motorkoelvloeistof       |
| • Indicatoren                                    | ◦ Lage oliedruk                              |
| ◦ Accu laadt niet op                             | ◦ Langsstabiliteitsalarm                     |
| ◦ Status uitlijning voor-/achterwielen op scherm | ◦ Koplamp groot licht                        |
| ◦ Koplamp dimlicht                               | ◦ Positielichten                             |
| ◦ Richtingaanwijzers links en rechts             | ◦ Richtingaanwijzer aanhangwagen             |
| ◦ Parkeerrem                                     | ◦ Langsstabiliteitsniveau                    |
| ◦ Ruitenwissers                                  | ◦ Work lights                                |
| ◦ Knipperend waarschuwingslichtje                | ◦ Waarschuwing slampje noodknipperlichten    |
| ◦ Blokkering hydraulische functies               | ◦ Mistlampen achtermistlampen                |
| ◦ Verwarmingsventilator                          | ◦ Temperatuur hydraulische vloeistof te hoog |
| ◦ Koelvloeistoftemperatuur te hoog               |                                              |

Onderhoudbaarheid

|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| Serviceability             | • Access through the side engine cover and access panel: |
| ◦ Air cleaner              | ◦ Fuel filter                                            |
| ◦ Engine oil filter        | ◦ Engine oil dipstick                                    |
| ◦ Starter                  | ◦ Alternator                                             |
| • Toegang binnen cabine:   | ◦ Glass washer fluid                                     |
| ◦ Fuses, diodes and relays | ◦ ISL control box                                        |

Standard Features

|                                                                                                                      |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Frame and Telescopic boom:                                                                                           | • Bob-Tach carriage with manual attachment lock                                              |
| • Attachment horizontality indicator                                                                                 | • Lifting eye on boom head (2,5 tons max)                                                    |
| • Limited Slip Differential on front axle (30%)                                                                      | • Box-welded frame with shielded bottom plate to protect vital parts                         |
|                                                                                                                      | • Front tow hitch                                                                            |
|                                                                                                                      | • Right and left side mirrors                                                                |
| • Spirit level in cabin                                                                                              | Cabin and main functions:                                                                    |
| • Halogen road lights (front & rear)                                                                                 | • Roof window wiper with washer                                                              |
| • *****                                                                                                              | • Automatic parking brake                                                                    |
| • Full tinted glass                                                                                                  |                                                                                              |
| • ROPS/FOPS operator cabin                                                                                           | • Halogen rotating beacon                                                                    |
| • Halogen work lights on top of the cabin (2 front + 1 rear)                                                         | • Front wiper with washer (high, low & intermittent speeds)                                  |
| • Rear wiper with washer                                                                                             | • Heating, demisting and ventilation                                                         |
|                                                                                                                      | • Aggravating Movements Arrester (AMA) compliant with EN15000                                |
| • Mechanical suspension seat                                                                                         |                                                                                              |
| • Back-up alarm                                                                                                      |                                                                                              |
|                                                                                                                      | • USB plug (mobile charging)                                                                 |
| • Standard 5" display with navigation jog shuttle (anti-theft, on-fly settings, rear camera ready & diagnostic page) | • Smart Handling System (SHS) to adjust boom movement speeds (lifting, telescoping, tilting) |
| • Standard proportional joystick (forward/reverse drive and turtle/rabbit speed)                                     |                                                                                              |
|                                                                                                                      | • ECO mode for lower engine fuel consumption                                                 |
| • Speed management (Creep) to adjust max drive speed whatever engine RPM                                             | • Auxiliary Flow Management (AFM) to adjust and engage a permanent hydraulic flow            |
| • Machine IQ (Telematic)                                                                                             |                                                                                              |
|                                                                                                                      | • *****                                                                                      |
| • 3 steering modes (2WS /4WS/CRAB) with semi-automatic wheel realignment (manual mode still available)               | • Hydrostatic transmission with electronic regulation and dynamic drive mode                 |
| Drive/Engine/Hydraulic:                                                                                              |                                                                                              |
|                                                                                                                      | • Transmission 25 to 30km/h (according to tyres' selection)                                  |
| • 2 hydrostatic speeds (turtle/rabbit) with auto-shift                                                               |                                                                                              |

- Inching function combined with brake pedal (for easy low speed approach without changing engine rpm)

- Turbo-charged engine - Bobcat D24 Stage V - 75 hp / 280 Nm

- Built-in air cyclonic prefilter with automatic dust evacuation
- High capacity battery 110 Ah/900 CCA able to start at -16 °C

• \*\*\*\*\*  
\*\*\*\*\*

- NB: For Italy, Italian operating machine legislation is mandatory

- 3 year warranty or 3000 hours (refer to the Bobcat standard warranty policy for terms and conditions)

- Standard tyres - set of 4 x 12-16.5" (GENERAL PURPOSE)

- Electronic fuel injection with high pressure common rail - After treatment system with Diesel Particle Filter (DPF), Exhaust Gas Recirculation (EGR), Diesel Oxydation Catalyst (DOC) and No AdBlue

- Electronic Battery Disconnection (EBD)

- Gear pump 80 l/min with Load Sensing valve & flow sharing distributor

Warranty/Legislation:

- IMPORTANT: Choice of machine's homologation is only made when ordering. Subsequently, It is no longer possible to change it (not retrofittable!)

- NB: For Germany, mandatory options: - wheel wedge - German legislation