

# COMPARISON TABLE

| TECHNICAL SPECIFICATIONS                  | TBe250                           | TBe500                           | TBe800                           | TBe450   | TBe650 | TBe1600 | TBe2000   |
|---|----------------------------------|----------------------------------|----------------------------------|--|--------|---------|---|
| MAXIMUM TRACTION MOTOR RATED POWER (*)    | 1.2 kW                           | 2.0 kW                           | 5.0 kW                           | 9.0 kW   |        |         | 15 kW   |
| AVAILABLE SUPPLY                          | 24V DC MP o SEM, 24V o 48V AC    | 24V DC MP o SEM, 24V o 48V AC    | 24V DC MP o SEM, 24V o 48V AC    | 24V, 48V, 80V AC                               |        |         | 48V, 80V, 120V AC   |
| AVAILABLE TRACTION MOTORS                 | 700W 24V DC MP, 1200W 24V DC SEM | 700W 24V DC MP, 1200W 24V DC SEM | 700W 24V DC MP, 1200W 24V DC SEM | 9.0 kW 80V AC                                  |        |         | 9.0 kW 80V AC   |
| MAX OUTPUT PEAK TORQUE AT THE WHEEL       | 250 Nm                           | 500 Nm                           | 800 Nm                           | 450 Nm   | 650 Nm | 1600 Nm | 2.000 Nm  |
| MAX OUTPUT CONTINUOUS TORQUE AT THE WHEEL | 180 Nm                           | 350 Nm                           | 600 Nm                           | 350 Nm   | 450 Nm | 1000 Nm | 1.300 Nm  |
| MAX RPM IN INPUT                          | 7.000 rpm                        |                                  |                                  |  |        |         |   |
| AVAILABLE RATIOS                          | 1:20, 1:30                       | 1:20, 1:30                       | 1:15, 1:27                       | 2 speeds: 1:12/1:15, 1 speed: 1:12, 1:15, 1:20 |        |         | 2 speeds: 19.5/93.5, 19.5/48.5, 48.5/93.5, 10/25.5, 10/49, 25.5/49. |
| MAX LOAD ON THE AXLE (**)                 | 250 kg                           | 500 kg                           | 800 kg                           | 1600 kg  |        |         | 2.000 kg  |
| HYDRAULIC SERVICE DRUM BRAKE              | Ø125x20                          | Ø160x35                          | Ø160x35                          | Ø185x40  |        |         |   |
| MAX SERVICE BRAKE TORQUE                  |                                  | 570Nm a 140 bar each wheel       | 570Nm a 140 bar each wheel       | 1.600Nm a 120 bar each wheel                   |        |         |   |
| ELECTROMAGNETIC PARKING BRAKE             | 5Nm, 10Nm                        | 5Nm, 10Nm, 20Nm                  | 10Nm, 20Nm                       | 40Nm, 75Nm, 100Nm                              |        |         |   |

(\*) electric traction motors are sized with a S2=60 min duty cycle

(\*\*) Our axles are sized with an adequate safety factor