

## TECHNICAL SPECIFICATIONS - CHASSIS Mini 2000

|                          | 50 Mini Adventure  | 50 SX Junior / 50 JR Adventure         | 50 SX Senior / 50 SR Adventure             |
|--------------------------|--|--|--|
| Frame                    | single downtube, split-cradle                            |  |  |
| Fork                     | telescopic fork Paiolo Ø = 31,8 mm (1,25 in)             |  |  |
| Wheel travel front/rear  | 115/135 mm (4.5/5.3 in)                                  | 140/160 mm (5.5/6.3 in)                | 165/170mm (6.5/6.7 in)                     |
| Rear suspension          | central shock absorber                                   |  |  |
|                          | Paioli MC24 (l = 248 mm / 9,75 in)                       | Paioli MC30 (l = 255 mm / 10 in)       | Paioli MC30 (l = 275 mm / 10,8 in)         |
| Front brake              | internal expanding, single/cam drum brake Ø 90 mm (3.5") |  |  |
| Rear brake               | internal expanding, single/cam drum brake Ø 90 mm (3.5") |  |  |
| Tyres                    | front / rear: Vee Rubber 2.50x10" VRM-140                |  |  |
| Air pressure             | front / rear: 1.0 bar (14 psi) / 1.0 bar (14 psi)        |  |  |
| Fuel tank capacity       | 2.9 liter (0,75 USgal)                                   |  |  |
| Final drive ratio        | 10 : 45 t  | 11 : 45 t                              | 11 : 45 t                                  |
| Chain                    | 1/2 x 3/16" (415) 94 rolls                               |  | 1/2 x 3/16" (415) 102 rolls                |
| Steering angle           | 63°  |  |  |
| Wheel base               | 895 mm (35.2 in)   | 910 mm (35.8 in)                       | 1030 mm (40.5")                            |
| Seat height, unloaded    | 560 / 585 mm (22 / 23 in) (adjustable)                   | 585 / 610 mm (23 / 24 in) (adjustable) | 650 / 675 mm (25.6 / 26.6 in) (adjustable) |
| Ground clearance         | 205 mm (8 in)  | 230 mm (9.05 in)                       | 255 mm (10 in)                             |
| Dead weight without fuel | 39 kg (86 lbs)   | 39.5 kg (87.2 lbs)                     | 40.5 kg (89.4 lbs)                         |
| Rider's body height      | max. 130 cm (51 in)                                      |  |  |
| Rider's body weight      | max 35 kg (78 lbs)                                       |  |  |
| Recommended age of rider | 4 to 6 years   |  | 7 to 8 years                               |
| Engine                   | S5-E   | S5-GS                                  | S5-GS                                      |

### STANDARD-ADJUSTMENT - FORK

|                       | 50 Mini Adventure | 50 SX Junior<br>50 JR Adventure | 50 SX Senior<br>50 SR Adventure |
|-----------------------|-------------------|---------------------------------|---------------------------------|
| Spring                | 2,55 N/mm         | 2,55 N/mm                       | 2,55 N/mm                       |
| Spring preload        | 10 mm (0.4 in)    | 20 mm (0.8 in)                  | 15 mm (0.6 in)                  |
| Capacity per fork leg | --                | ca 150 ccm                      | ca 160 ccm                      |
| Fork oil              | --                | SAE 7.5                         | SAE 7.5                         |

### TIGHTENING TORQUES

|                                  |       |                  |
|----------------------------------|-------|------------------|
| Hexagon nuts front axle          | M12x1 | 30 Nm (22 ft.lb) |
| Hexagon nuts rear axle           | M12x1 | 30 Nm (22 ft.lb) |
| Hexagon nut swing arm bolt       | M10   | 20 Nm (15 ft.lb) |
| Clamping screw upper fork bridge | M8    | 15 Nm (11 ft.lb) |
| Clamping screw lower fork bridge | M8    | 15 Nm (11 ft.lb) |
| Other screws chassis             | M6    | 10 Nm (7 ft.lb)  |
|                                  | M8    | 25 Nm (19 ft.lb) |
|                                  | M10   | 45 Nm (33 ft.lb) |