

# SILVER

## 110-130

- > **POWER SHUTTLE**
- > **New 6-cylinder  
TURBO ENGINES**
- > **Liquid cooling**
- > **Electrohydraulically  
operated 4WD and  
differential locks  
automatic control**



**SAME**<sup>®</sup>

Rely on us.

| TECHNICAL DATA   | SILVER 110   | SILVER 130   |
|--|--------------|--------------|
| <b>ENGINE</b>  |              |              |
| SAME   | 1000.6 WT    | 1000.6 WT    |
| Cylinders/Displacement no./cm <sup>3</sup>   | 6 Turbo/6000 | 6 Turbo/6000 |
| Maximum rated power ECE (R24.03) kW/HP/rpm   | 81/110/2500  | 97/132/2500  |
| Max. torque Nm/rpm   | 405/1400     | 497/1400     |
| Torque rise %  | 30           | 34           |
| Specific fuel consumption g/kWh  | 227          | 210          |
| Cooling liquid/oil   | liquid/oil   | liquid/oil   |
| Engine oil cooler  | ●            | ●            |
| <b>ELECTRONIC REGULATOR</b>  |              |              |
| Silencer under hood with vertical exhaust  | ●            | ●            |
| Cab pillar mounted exhaust (*)   | ○            | ○            |
| Air cleaner with DUST EXTRACTOR (*)  | ○            | ○            |
| Fuel tank capacity litres (gals)   | 240 (53)     | 240 (53)     |
| <b>TRANSMISSION</b>  |              |              |
| Hydraulically actuated transmission clutch   | ●            | ●            |
| Gearbox 40 km/h  | ●            | ●            |
| Synchronised shuttle gear box with inverter  | ●            | ●            |
| 18 gears over two ranges electrohydraulic: 18 FWD + 18 REV ●   | ●            | ●            |
| AGROSHIFT gearbox with electrohydraulic push-button selection 54 FWD + 54 REV with creeper and POWER SHUTTLE | ○            | ○            |
| AGROSHIFT gearbox with electrohydraulic push-button selection 72 FWD + 72 REV with creeper                   | ○            | ○            |
| Pressure lubrication with oil cooler   | ●            | ●            |
| Wet oil-immersed disc P.T.O. clutch, electrohydraulically controlled   | ●            | ●            |
| Rear P.T.O. speed: 540/1000/540 ECON/1000 ECON rpm   | ●            | ●            |
| Synchronised P.T.O. with independent shaft   | ●            | ●            |
| Maximum P.T.O. power (#) kW/HP   | 77,0/104,7   | 93,5/127,1   |
| Integral front P.T.O. with electrohydraulic push-button engagement (1000 rpm)                                | ○            | ○            |
| <b>BRAKES AND STEERING</b>   |              |              |
| Full hydrostatic braking on all 4 wheels   | ●            | ●            |
| Hydraulic trailer braking valve (*)  | ○            | ○            |
| Air trailer braking system   | ○            | ○            |
| Hydrostatic power steering with "Load Sensing" and tilt/height adjustable column                             | ●            | ●            |
| Steering angle, 50°  | ●            | ●            |
| <b>FRONT AXLE</b>  |              |              |
| Electrohydraulically operated control of 4WD and differential locks  | ●            | ●            |
| SBA system: automatic engagement/disengagement of 4WD and differential locks                                 | ○            | ○            |
| Front weight frame   | ●            | ●            |
| <b>HYDRAULIC SYSTEM</b>  |              |              |
| Rear lift with ELECTRONIC CONTROL and RADAR with Auto-Lock and Active hydraulic suspension                   | ○            | ○            |
| Max. lifting capacity without/with double-acting rams kg   | 4800/6200    | 4800/6200    |
| Rated flow of pump std. l/min  | 58           | 58           |
| Double acting auxiliary spool valves std/opt no.   | 3/4 (*)      | 3/4 (*)      |
| 3-point linkage with quick hitch hook ends   | ●            | ●            |

● = Standard ○ = Optional (\*) = Standard for UK (#) = Manufacturers estimate

**Akros** SPECIALISED LUBRICATION FOR SAME

| TECHNICAL DATA   | SILVER 110            | SILVER 130            |
|--|-----------------------|-----------------------|
| <b>HYDRAULIC</b>   |                       |                       |
| top link   | ○                     | ○                     |
| Right hand lift rod and stabiliser hydraulically adjustable  | ○                     | ○                     |
| <b>INTEGRAL front lift: max. lifting capacity 2000 kg (4409 lbs) + 2 double acting auxiliary spool valves + front weight with quick hitch (400 kg/882 lbs)</b> |                       |                       |
| Rear drawbar type C with quick hitch   | ○                     | ○                     |
| Rear drawbar type D2-D3 with quick hitch   | ○                     | ○                     |
| <b>DRIVING POSITION</b>  |                       |                       |
| Cab mounted on silent-blocks with sound insulation, heating and ventilation, escape rear window wiper, 10 work lights, provision for beacon                    | ●                     | ●                     |
| Dashboard with Check Panel   | 75 dBA                | 75 dBA                |
| Grammer DS85 seat + safety belt  | ●                     | ●                     |
| <b>SEAT WITH AIR SUSPENSION + safety belt (*)</b>  |                       |                       |
| AIR CONDITIONING (*)   | ○                     | ○                     |
| PERFORMANCE MONITOR  | ○                     | ○                     |
| <b>TYRES</b>   |                       |                       |
| 16.9 R 24 front 18.4 R 34 rear   | ○                     | —                     |
| 540/65 R 30 front 650/65 R 38 rear   | —                     | ○                     |
| 480/70 R 24 front 520/70 R 34 rear   | ○                     | —                     |
| 420/70 R 28 front 650/70 R 38 rear   | ○                     | —                     |
| 14.9 R 30 front 18.4 R 38 rear   | ●                     | ○                     |
| 480/70 R 28 front 520/70 R 38 rear   | ○                     | ○                     |
| 16.9 R 30 front 20.8 R 38 rear   | —                     | ○                     |
| 420/70 R 30 front 520/70 R 38 rear   | —                     | ●                     |
| Steered front mudguards  | ○                     | ○                     |
| <b>DIMENSIONS AND WEIGHTS (with rear tyres)</b>  |                       |                       |
|  | <b>18.4 R 34</b>      | <b>18.4 R 38</b>      |
| Maximum length mm (ins)  | 4250/4590 (167)/(181) | 4380/4590 (172)/(181) |
| Minimum/maximum width mm (ins)   | 2250/2500 (89)/(98)   | 2250/2500 (89)/(98)   |
| Overall height at bonnet/cab mm (ins)  | 1945/2805 (77)/(110)  | 1990/2805 (78)/(110)  |
| Ground clearance mm (ins)  | 400 (16)              | 450 (18)              |
| Wheelbase mm (ins)   | 2750 (108)            | 2750 (108)            |
| Minimum/maximum front track mm (ins)   | 1825/2315 (72)/(91)   | 1825/2365 (72)/(93)   |
| Minimum/maximum rear track mm (ins)  | 1750/2250 (69)/(89)   | 1750/2250 (69)/(89)   |
| Minimum turning radius with/without brakes mm (ins)  | 3650/5300 (144)/(209) | 3650/5300 (144)/(209) |
| Weight with cab kg (lbs)   | 5380 (11861)          | 5430 (11970)          |

**GEARBOX (40 Km/h)**  
Ground speed in km/h at 2500 rpm engine with rear tyres 18.4 R 38

| SPEEDS 18 FWD + 18 REV |      |     |       | AGROSHIFT (72 FWD + 72 REV) |      |      |      |      |       |       |       |      |       |       |       |
|------------------------|------|-----|-------|-----------------------------|------|------|------|------|-------|-------|-------|------|-------|-------|-------|
|                        |      |     |       | LOW                         |      |      |      | MEAN |       |       |       | HIGH |       |       |       |
| 1 L                    | 0,68 | 1 H | 10,86 | 1 SR                        | 0,16 | 1,19 | 0,23 | 1 M  | 1,63  | 2,00  | 2,36  | 2 L  | 2,11  | 2,52  | 3,05  |
| 2 L                    | 0,88 | 2 H | 14,00 | 2 SR                        | 0,20 | 0,24 | 0,30 | 2 M  | 2,74  | 3,28  | 4,00  | 3 L  | 2,74  | 3,28  | 4,00  |
| 3 L                    | 1,15 | 3 H | 18,21 | 3 SR                        | 0,26 | 0,31 | 0,38 | 3 M  | 3,51  | 4,20  | 5,08  | 4 L  | 3,51  | 4,20  | 5,08  |
| 4 L                    | 1,47 | 4 H | 23,34 | 4 SR                        | 0,34 | 0,40 | 0,50 | 4 M  | 4,62  | 5,53  | 6,68  | 5 L  | 4,62  | 5,53  | 6,68  |
| 5 L                    | 1,93 | 5 H | 30,72 | 5 SR                        | 0,44 | 0,53 | 0,64 | 5 M  | 6,00  | 7,10  | 8,58  | 6 L  | 6,00  | 7,10  | 8,58  |
| 6 L                    | 2,48 | 6 H | 39,42 | 6 SR                        | 0,57 | 0,68 | 0,82 | 6 M  | 7,51  | 9,70  | 10,86 | 1 M  | 7,51  | 9,70  | 10,86 |
| 1 M                    | 2,36 |     |       | 1 L                         | 0,47 | 0,56 | 0,68 | 1 H  | 9,70  | 11,60 | 14,00 | 2 M  | 9,70  | 11,60 | 14,00 |
| 2 M                    | 3,05 |     |       | 2 L                         | 0,61 | 0,73 | 0,88 | 2 H  | 12,60 | 15,00 | 18,20 | 3 M  | 12,60 | 15,00 | 18,20 |
| 3 M                    | 3,96 |     |       | 3 L                         | 0,74 | 0,95 | 1,14 | 3 H  | 16,16 | 19,31 | 23,34 | 4 M  | 16,16 | 19,31 | 23,34 |
| 4 M                    | 5,08 |     |       | 4 L                         | 1,00 | 1,21 | 1,47 | 4 H  | 21,26 | 25,42 | 30,71 | 5 M  | 21,26 | 25,42 | 30,71 |
| 5 M                    | 6,69 |     |       | 5 L                         | 1,33 | 1,60 | 2,00 | 5 H  | 27,29 | 32,62 | 39,42 | 6 M  | 27,29 | 32,62 | 39,42 |
| 6 M                    | 8,58 |     |       | 6 L                         | 1,71 | 2,05 | 2,47 | 6 H  |       |       |       |      |       |       |       |

SR = Creeper L = Low M = Medium H = High



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