AR 35/35 Super

Operation weight: 2500 kg / 2875 kg
Power: 24.6 kW (33.5 HP) / 29.4 kW (40 HP)
Shovel capacity: 0.34 m³ / 0.40 m³

AR 40

Operation weight: 3300 kg
Power: 29.4 kW (40 HP)
Shovel capacity: 0.50 m³

AR 50

Operation weight: 3950 kg
Power: 42 kW (59.3 HP)
Shovel capacity: 0.70 m³

AR 60

Operation weight: 4650 kg
Power: 47.5 kW (65 HP)
Shovel capacity: 0.85 m³

AR 65 Super

Operation weight: 4800 kg
Power: 51.3 kW (69 HP)
Shovel capacity: 0.80 - 1.00 m³

AR 75

Operation weight: 5600 kg
Power: 55 kW (75 HP)
Shovel capacity: 1.00 m³

AR 75 S

Operation weight: 6000 kg
Power: 55 kW (75 HP)
Shovel capacity: 0.80 m³

AR 80

Operation weight: 7900 kg / 8100 kg
Power: 71.2 kW (97 HP)
Shovel capacity: 1.30 m³

Technical data without engagement.
Subject to change without notice.
**Hydraulic system**
- Gear pump for loading and steering hydraulics
- Priority valve favoring steering hydraulics
- Lowering brake dependent of load
- 3rd section in parallel

**Loading equipment**
- Powerful and solid Z-kinematics with high tear out forces
- Hydraulic quick change device
- Activation of all functions via ATLAS joystick
- Parallel movement while using fork
- Automatic shovel return to excavation position
- Locking device acc. to German StrZO for road travel

**Standard equipment**
- Rear driving mirrors, foldable
- Heatable rear screen
- Comfortable access to cab from both sides
- Single lever operation via ATLAS joystick
- Control lights for speed range, forward/backward travel
- Lights acc. to German SVZO for road travel
- Individually adjustable driver’s seat with adjustable right arm rest
- Engine oil heating with heat exchange and 4-stage fan
- Front windscreen ventilation, variable output
- Sound absorbing ROPS cab
- Windscreen wipe and wash unit in front and rear
- Sun visor, coat hook, cabling lamp, stow facility
- Adjustable steering column
- Heat protection glazing with large tinted screens
- Control lights for engine oil pressure, overheating, hydraulic oil temperature, battery power, parking brake, air filter
- Central dashboard with indicators for preheating, engine temperature, fuel, working hour meter

**Options**
- 4th section front or rear
- Load check valve for lifting and working cylinders
- Slow drive inching pedal
- High speed version 40 km/h
- Extended lifting frame
- Load brake security
- Tiller coupling
- Main battery switch
- Corrosion protection for salt

**Tires**

**Fuel/oil capacities**
- Diesel: 100 l
- Hydraulic oil: 83 l
- Engine oil: 11 l
- Front axle: 4.5 l
- Rear axle: 4.2 l
- Gear oil: 2.5 l

**Operating data**
- Shovel capacity acc. to SAE: 1.0 m³
- Track width: 1640 mm
- Turning radius: 4788 mm
- Tare out force: 8090 daN
- Torque: 5250 daN
- Tipping load, straight: 4273 kg
- Tipping load and articulated: 3782 kg
- Lifting capacity at ground level: 4035 kg
- Operational weight: 5750 kg

**Differing data for use of pallet forks** (500 mm distance to center of gravity)

**Technical data with standard shovel.**

**Agro oil cooler**
- Special colors and oils
- Cyclone dust absorber
- Habitable and air cushioned seats
- Joysticks with integrated proportional steering for 3rd section (only with ADS)
- Air conditioning, auxiliary heating, comfort cab, canopy cab
- ATLAS diagnostic system (ADS) for monitoring engine parameters with integrated electronic anti-shock device
- Extra seat
- Radio
- Warning beacon
- Doors with sliding windows right and left
- Anti-shock device with code stick

**Technical data with pallet fork.**

**Specific gravity for material handling**

**Construction**
- Concrete: 1.9
- Soil (dry): 1.5
- Soil (wet): 2.0
- Rock (fill): 2.4
- Gravel: 1.8
- Lime: 1.6
- Gravel (dry): 1.9
- Gravel (wet): 2.1
- Foam: 0.5
- Plaster: 2.2
- Sand (dry): 1.9
- Sand (wet): 2.1
- Sandstone: 2.4
- Slate: 2.2
- Sediment: 2.1
- Crushed stone: 1.5
- De-icing salt: 1.3
- Clay: 1.6
- Cement: 1.7
- Chalker (stacked): 1.8

**Industry**
- Ember: 0.7
- Brown coal briquette: 0.8
- Ferrous product: 0.7
- Iron ore: 2.3
- Concrete: 1.9
- Gas coke: 0.4
- Timber: 0.8
- Mineral coal: 1.2
- Paper: 0.9
- slag: 1.0
- Brick concrete: 2.7

**Landscaping, agriculture**
- Agricultural crop: 0.7
- Grain: 0.6
- Hay: 0.3
- Potash: 1.1
- Compost: 1.0
- Flour: 0.5
- Clay (wet): 2.3
- Phosphate fertilizer: 2.2
- Turf (wet): 1.1
- Turf (dry): 0.4
- Mineral fertilizer: 1.0

**Fuel/oil capacities**
- Diesel: 100 l
- Hydraulic oil: 83 l
- Engine oil: 11 l
- Front axle: 4.5 l
- Rear axle: 4.2 l
- Gear oil: 2.5 l

**Operating data**
- Shovel capacity acc. to SAE: 1.0 m³
- Track width: 1640 mm
- Turning radius: 4788 mm
- Tare out force: 8090 daN
- Torque: 5250 daN
- Tipping load, straight: 4273 kg
- Tipping load and articulated: 3782 kg
- Lifting capacity at ground level: 4035 kg
- Operational weight: 5750 kg

**Differing data for use of pallet forks** (500 mm distance to center of gravity)

**Diagram for shovel selection**