**AR 35/35 Super**
- Operation weight: 2500 kg / 2875 kg
- Power: 24.6 kW (33.5 HP)
- Shovel capacity: 0.85 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 (57 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 (68 HP)
- Shovel capacity: 1.00 m³

**AR 70**
- Operation weight: 5600 kg
- Power: 55 kW (75 HP)
- Shovel capacity: 1.00 m³

**AR 75**
- Operation weight: 7900 kg / 8100 kg
- Power: 74.9 kW (102 HP) / 92 kW (125 HP)
- Shovel capacity: 1.40 - 1.60 m³

**AR 80**
- Operation weight: 6000 kg
- Power: 55 kW (75 HP)
- Shovel capacity: 0.80 m³

**AR 85**
- Operation weight: 6700 kg
- Power: 71.2 kW (97 HP)
- Shovel capacity: 1.30 m³

**AR 95/95 Super**
- Operation weight: 7900 kg / 8100 kg
- Power: 74.9 kW (102 HP) / 92 kW (125 HP)
- Shovel capacity: 1.40 - 1.60 m³

**Technical data without engagement. Subject to change without notice.**
**Output–regulated hydrostatic drive**

- Cylinders: 3 in line
- Stroke: 1496 cm³
- Max. torque: 112 Nm at 1800 min⁻¹

**Make:** Perkins Diesel engine 403D-15T

**TECHNICAL DATA AR 35 Super**

- Drive operated by accelerator and separate electrical system: Operating voltage 12 V
- Steering angle of 40° to each side, ±12°

**Specifications for the AR 35 Super model**

**Engine**

- Make: Perkins Diesel engine 403D-15T
- Power: 112 Nm at 1800 min⁻¹
- Operating pressure 230 bar
- Delivery of pump 39 l/min
- Operating pressure 230 bar
- Speed with standard tires:
  - Power***:
    - 1st and 2nd hydraulic gear can be engaged
    - Automatic shovel return to excavation position
    - Automatic mid position of joystick
    - Activation of all functions by ATLAS joystick
    - Cyclone dust separator
    - Shovel capacity acc. to SAE: 0.24 m³
    - Lowering 3.5 s
    - Tipping load, articulated: 1911 kg
    - Tipping load, straight: 2300 daN
    - Lifting load, articulated: 1700 kg
    - Central dashboard with indicators for overheating, hydraulic oil temperature, overloading, hydraulic oil temperature, battery power, parking brake, air filter, and central control lights for speed range, forward/backward travel, and road travel
    - Actuation of all functions by ATLAS joystick, joystick for best distribution of the hydraulic power for thrust and lifting forces
    - Automatic shovel return to excavation position
    - Automatic mid position of joystick
    - Parallel movement while using pallet forks
    - Automatic shovel return to excavation position
- Fuel/oil capacities:
  - Diesel: 58 l
  - Hydraul oil: 28 l
  - Front axle: 3 l
  - Rear axle: 3.5 l
  - Gear oil: 0.65 l
  - Cooling liquid: 6 l
- Accreditation of all functions by ATLAS joystick
- Power***:
  - 1st and 2nd hydraulic gear can be engaged
  - Automatic shovel return to excavation position
  - Automatic mid position of joystick
  - Parallel movement while using pallet forks
  - Automatic shovel return to excavation position
- Fuel/oil capacities:
  - Diesel: 58 l
  - Hydraul oil: 28 l
  - Front axle: 3 l
  - Rear axle: 3.5 l
  - Gear oil: 0.65 l
  - Cooling liquid: 6 l

**Axles**

- Rigid axles with planetary reduction gears in wheel hubs 45% - differential lock in front axle

**Brakes**

- Standard brake: Drum brake on front axle via cardan drive on all 4 wheels
  - Supplementary brake functions via inching pedal and hydrostatic drive on all 4 wheels
  - Parking brake: Drum brake via funnel link acting on all 4 wheels with engine switch off.

**Steering**

- Fully hydraulic center pivot steering
  - Front and rear wheels follow the same track
  - Steering angle of 40° to each side, ±12° angular movement at rear of vehicle
  - Operating pressure of steering hydraulics 145 bar
  - Emergency steering function
- Options:
  - 4° section front or rear
  - Main battery switch
  - Special paints and oils
  - Cyclone dust separator
  - Trailer coupling
  - Left hinged adjustable window, right window to open can be fastened
  - Hot water heating with heat exchanger and 3-stage fan
  - Front windshield ventilation, variable output
  - Rear driving mirrors, foldable
  - Sound absorbing ROPS cab
  - Windscreen wipe and wash unit in front and rear
  - Sun visor, ceiling lamp, stow facility
  - Heat protection glazing with tinted screens
  - Working lights front and rear
  - Anti-shaft-device with coded stick
  - Radio
  - Warning beacon
- More options upon request

**Tires**

**Standard:**

- 10.0/75 – 15.3 MPT – Multi-purpose tires for sand and gravel surface, woodland, roads and paths
- Special tires:
  - 11.5/00 – 15.3 MPT – Multi-purpose tires for sand and gravel surface, woodland, roads and paths
  - 12 – 16.5 MT – Construction machine tires for soft surfaces, asphalted, roads, gardening and landscaping
- 31 X 15.5 – 15 E – Multi-purpose tires for earth moving machines, particularly surface friendly
- 15.5/55 R18 – Multi-purpose tires for earth moving machines, particularly surface friendly, gardening and landscaping

**More special tires upon request**

**Fuel/oil capacities**

- Diesel: 58 l
- Hydraul oil: 28 l
- Front axle: 3 l
- Rear axle: 3.5 l
- Gear oil: 0.65 l
- Cooling liquid: 6 l

**Fuel/oil capacities**

- Diesel: 58 l
- Hydraul oil: 28 l
- Front axle: 3 l
- Rear axle: 3.5 l
- Gear oil: 0.65 l
- Cooling liquid: 6 l

**Industry**

- Industry
  - Brown coal briquette 0.8
  - Ferrous product 7.8
  - Non-iron ore 5.7
  - Sulphur 1.9
  - Coal coke 0.4
  - Timber 0.8
  - Mineral coal 1.2
  - Paper 0.9
  - Slag 1.0
  - Slag concrete 2.7
- **Landing, agriculture**
  - Agricultural crop 0.7
  - Stone 0.6
  - Hay 0.5
  - Potation 1.1
  - Compost 1.0
  - Flour 0.5
  - Clay (watery) 2.3
  - Phosphate fertilizer 2.2
  - Turf (watery) 1.1
  - Turf (dry) 0.4
  - Mineral fertilizer 1.0

**Technical data with standard shovel.**

- **AR 35 Super**
  - A 4730
  - A 4240
  - B 1605
  - B 7 2340
  - B 11 2270
  - C 3 2270
  - C 3 3340
  - C 3 2800
  - C 3 2300
  - D 55
  - E 595
  - F 300
  - G 1580
  - H 1350
  - I 1350
  - K 1495
  - R 2872

**Technical data with pallet forks.**

- **AR 35 Super**
  - A 4730
  - A 4240
  - B 1605
  - B 7 2340
  - B 11 2270
  - C 3 2270
  - C 3 3340
  - C 3 2800
  - C 3 2300
  - D 55
  - E 595
  - F 300
  - G 1580
  - H 1350
  - I 1350
  - K 1495
  - R 2872