TECHNICAL SPECIFICATION & INSPECTION SHEET (EN)

# ARS 80

**CATEGORY: HYDRAULIC ATTACHMENTS & HEAVY DUTY IMPLEMENTS | BRAND: CATERPILLAR**

STATUS: BRAND NEW FACTORY UNIT | YEAR: Recent | HOURS: Certified Bench Test

## 1. OFFICIAL TECHNICAL SPECIFICATIONS (MANUFACTURER BENCHMARK)

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|---|---|
| **Carrier Compatibility:** | 1.5 - 14.0 Metric Tons Excavator / Loader Carrier Class |
| **Coupling Interface:** | CW05 / CW10 / Martin / Morin / Lehnhoff / Standard Pin-On System |
| **Wear Plate Material:** | HARDOX 450 / 500 High-Tensile Anti-Abrasion Structural Steel |
| **Hydraulic Pressure:** | 120 - 250 bar Operating Pressure with Integrated Relief Valve |
| **Oil Flow Delivery:** | 25 - 110 L/min Continuous Hydraulic Supply Requirement |
| **Reinforcement & Pins:** | Double Gusseted Shell with Induction-Hardened Alloy Steel Pivot Pins |

## 2. DIMENSIONAL & TRANSPORT RATINGS (ISO STANDARDS)

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| **Working Width / Spread:** | Application Width Engineered for Trenching, Sorting and Grading |
| **Coupler Pin Geometry:** | Machined to Exact OEM Tolerances with Grease Lubrication Ports |

## 3. TECHNICAL WORKSHOP REASSURANCE & QUALITY PROTOCOL

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| **[OK] Fluid & Oil Servicing:** | Engine oil, fuel and hydraulic filters renewed. Zero oil leak tolerance. |
| **[OK] Mechanical & Structure:** | Chassis alignment, boom pins, bushings and structural welds verified 100% sound. |
| **[OK] Pressure Bench Testing:** | Hydraulic pumps, valves and cylinders calibrated to factory operating pressure. |
| **[OK] Safety & CE Directives:** | Emergency stops, horns, lighting and safety interlocks tested active. |
| **[OK] B2B Warranty Coverage:** | Covered by technical workshop warranty with ongoing spare parts supply. |