TECHNICAL SPECIFICATION & INSPECTION SHEET (EN)

ARS 100

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)

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)

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

[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.