

HP 29X OPC DRUM FOR LJ850/5000/5100 4129 29X

Sale Price: 650.0



PRODUCT ID: 0009452

Feature / Attribute	Product Specification Details	Implementation Impact
Product Component	Replacement Laser OPC Drum (Imaging Cylinder)	Core optical component responsible for electrostatic text and image mapping.
Coating Formulation	Multi-Layer Organic Photoconductor (OPC)	Delivers excellent static charge retention and rapid electrical dissipation.
Print Output Color	Monochromatic Black (Mono)	Optimized for sharp text rendering and solid black fills in business environments.
Media Format Capability	Wide-Format A3 / Ledger Capable	Spans across the wide internal print path of wide-format laser engines.
Cartridge Compatibility	HP C4129X (HP 29X High Capacity)	Fits perfectly inside the high-yield, large-reservoir monochrome toner casings.
HP Single-Function Printers	LaserJet 5000, 5000N, 5000GN, 5100, 5100TN, 5100DTN	Matches the exact mechanical drive gear ratios for these workhorse engines.
Specialty Printer Support	LaserJet 850 Series Configurations	Tailored to integrate cleanly into shared platform legacy laser architectures.
Primary Function	Latent electrostatic image mapping	Gathers and positions charged toner particles before transferring them to paper.
Wear Failure Indicators	Repetitive horizontal lines, vertical streaks, faded print, gray background fog	Signals that the photoconductive top coat has thinned or sustained physical scores.
Defect Spacing Rule	Recurring marks based on precise drum circumference	Periodic repetition on the page helps technical staff isolate the drum as the failure point.
Surface Resilience	Upgraded anti-abrasion protective top coat	Shields the cylinder against friction from rough paper textures and filler clays.
Installation Profile	Internal cartridge rebuild component	Requires manual breakdown of the toner assembly; technical rebuild recommended.