

# FOR HP® LaserJet 1320 Series Extended Yield Toner Cartridges



### Compatible with:

HP® 1320, 1320n, 1320nw, 1320t, 1320tn, 3390, 3392

Complete with Smart Print Chip



Our line of extended life cartridges are supported by the market's most advanced and patented technologies, custom formulations of raw materials, and rigorous "real world" testing protocols. The goal is to provide a product that offers consistently excellent output from start to finish with no degradation. Many of MSE's proprietary systems and materials allow us to eliminate many industry wide historical challenges associated with duplexing, which has become more common in offices to save paper and costs prevalent in MPS engagements.

## MSE Brand Benefits & Features

- MSE MPS Engineered™ cartridges offers up to 50% yield increase™ when compared to the OEM.
- Engineered for optimal yield for MPS and cost per page sales models.
- First released in October 2004 the HP® 1320 printer series is ideal for market segment 1&2; which includes Home User/SOHO/Micro SMB.
- MSE as always approved this product using the markets most exhaustive testing protocols including; environmental stress testing, accelerated aging testing, shipping simulation, and ISO 19752 testing.



The ISO 19752 standard is a standardized page yield test for monochrome (b/w) laser printer cartridges. The test is done with a minimum of nine cartridges tested on three separate printers with a standard print/test page under specific environmental conditions and printer settings. MSE monochrome cartridges meet/ exceed OEM yield based on ISO 19752 test methodologies.

### Packaging features:

- Easy 4 step "Install and recycle" instructions
- quick zipper pull
- Vivid 4 color graphics
- SFI Eco-packaging reduces footprint



### Packaging options:

Choose between the MSE brand and the Generic brand box.



MSE Brand



Generic Brand



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Machine Type..... Laser Printer  
 Print Speed..... 22 PPM  
 Print Resolution ..... 1200 x 1200 DPI  
 Page Yield..... See Chart

**Product Dimensions**

U.S. .... Length 13.0 in    Width 4.75 in    Height 7.5 in  
 Metric ..... Length 33.0 cm    Width 12.1 cm    Height 19.7 cm

**Product Weight/ Shipping**

U.S. .... 2.10 lbs.<sup>1</sup>  
 Metric ..... 0.95 kg.<sup>1</sup>

**MSE Information**

Overpack Shipping Box Sizes ..... Small 2, 6, 12, and 19 PK  
 Complete with Smart Print Chip ..... Yes  
 OEM/ MSE Part No..... See Chart

PRODUCT	OEM PART NO.	MSE PART NO.	MSE YIELD <sup>2</sup>	OEM YIELD <sup>2</sup>	COST PER PAGE				STREET PRICE			
					MSE		OEM		MSE		OEM	
					U.S. cent	Euro cent	U.S. cent	Euro cent	U.S.	Euro	U.S.	Euro
MSE Brand	Q5949X	02-21-11162	9,000	6,000	1.5	1.2	2.4	1.9	\$137.00	€ 107.00	\$145.99	€ 113.95
Private Label Brand	Q5949X	02-21-11122	9,000	6,000	1.5	1.2	2.4	1.9	\$137.00	€ 107.00	\$145.99	€ 113.95

**Special Notes**

- <sup>1</sup> Weight may vary depending on packaging
- <sup>2</sup> Average page yield based on ISO 19752. Actual yield may vary depending on environmental conditions, media, and usage.

**About MSE**

MSE is the largest USA based remanufacturer and is acclaimed as one of the leading edge innovators in the marketplace. MSE has pioneered the process of “Intelligent Re-Engineering” as applied to remanufactured printer consumables which is a protocol that employs patented technologies, proprietary processes, and stringent testing methodologies all with the goal of providing the markets best alternative to high cost OEM print consumables. MSE has multiple certifications and accreditations including ISO 9001 and 14001. Coupled with our engineering prowess MSE also prides itself on offering the highest levels of after sales support to its dealers through its consultative sales and marketing programs. MSE is a global entity with sales and distribution in Canada, Europe (UK and the Netherlands), Israel, Brazil, California, and Pennsylvania.

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