

*Office of the County Engineer*

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Keith G. Sarley, P.E., P.S.  
County Engineer

Date: October 6, 2015

Lucas County Automated Data Processing Board  
Ms. Anita Lopez, Secretary  
One Government Center, Suite 600  
Toledo, Ohio 43604

**INTEROFFICE MAIL**

Dear Ms. Lopez:

Our office is requesting to be put on the agenda for the next DP Board Approval meeting on Thursday, Nov. 5, 2015, for the following items requiring approval:

**Item 1** – Our office is requesting authorization to purchase the following device to replace the GRAPHTEC FC4100 SERIES Sign Cutter currently being used in our Sign Shop:

GRAPHTEC FC8600 64” SERIES Sign Cutter – The total estimated cost for this item is \$6,641.00. Funds for this device are available. (See attached for specifications).

**Item 2** - Our office is requesting authorization to utilize the device described below, to be set up on the Lucas County Wireless Access Point in our Mechanics Area in Building E for the sole purpose of vehicle diagnostics. This device will connect to the internet for the purpose of updates to the vehicle diagnostic software and communication with the manufacturer’s website.

Device: MaxiSys Pro – see attached specifications

If you have any questions, or need additional information, please advise.

Very truly yours,

Mark Drennen  
Administrative Deputy

BSM;bm  
Enclosures



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October 2, 2015

Brian Miller  
Lucas County Engineers  
1049 S. McCord Road  
Holland, OH 43528

**RE: Graphtec FC8600 Cutters**

Hello Mr. Miller,

Thank you for your interest in the **Graphtec FC8600 Cutters**. I have prepared the following quote for your review. Complete specifications can be found in the attached brochures. Please call me with any questions you may have. **Promotional pricing valid until October 31<sup>st</sup>, and Reflects Government Discount. Shipping is included.**

<b>Graphtec FC8600-130 54" Cutter (\$6,995.00 List Price)*</b>	<b>\$5,774.00</b>
<b>Graphtec FC8600-160 64" Cutter (\$7,995.00 List Price)*</b>	<b>\$6,641.00</b>

**\*Both cutters come with a Two-Year Warranty. You can receive an additional year for free by registering the unit online.**

New Dimensions has been providing technology solutions since 1984. Our experience, expertise and customer support services will ensure your success with our products. We look forward to serving you.

Sincerely,

Neal Kadlec

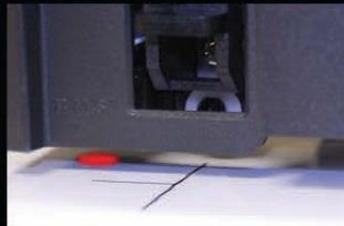
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_ P.O.#: \_\_\_\_\_

Please sign and fax back to (248)619-6107, or email me at [neal@new-dimensions.com](mailto:neal@new-dimensions.com)

2200 Stephenson Hwy Suite A ♦ Troy, Michigan 48083 ♦ Phone (248) 619-6100 ♦ Fax (248) 619-610



VINYL SIGNS & LETTERING, STONE & GLASS ETCHING, SANDBLAST RESIST MEDIA, TRAFFIC/TRANSPORTATION SIGNS, VEHICLE GRAPHICS



## SPECIFICATIONS:

ITEM	FC8600-60	FC8600-75	FC8600-100	FC8600-130	FC8600-160
Maximum Cutting Area	24 in x 164 ft (610 mm x 50 m)	30 in x 164 ft (762 mm x 50 m)	42 in x 164 ft (1067 mm x 50 m)	54 in x 164 ft (1372 mm x 50 m)	64 in x 164 ft (1625 mm x 50 m)
Compatible Media Widths	2 in to 30.3 in (50 mm to 770 mm)	2 in to 36.2 in (50 mm to 919 mm)	2 in to 48.2 in (50 mm to 1224 mm)	2 in to 60.2 in (50 mm to 1529 mm)	2 in to 72.5 in (50 mm to 1841 mm)
Maximum Media Thickness	59.1 mil (1.48 mm)				
Maximum Cut Speed	58.5 in/s (1485 mm/s) diagonal				
Programmable Cutting Force	20 gf - 600 gf in 48 steps				
Sheet Cutter Max Thickness	11 mil including media release liner (backing)				
Programmable Resolution	GP-GL™: 0.1/0.05/0.025/0.01mm; HP-GL®: 0.001 in (0.025mm); GP-GL™: 254, 508, 1016, 2540; HP-GL®: 1016				
Compatible Media Types	Self-adhesive vinyl film, diamond grade <sup>1)</sup> , fluorescent film, reflective film, Amberlith™, Rubylith™, sandblast resist rubber, high-intensity reflective film <sup>1)</sup> , window tint film, paint protection film, automotive paint protection film, etc.				
Interface	USB 2.0 High-speed / Serial RS-232C / Ethernet interface				
ARMS	5th Generation Advanced Registration Mark Sensing System				
Command Modes	GP-GL™, HP-GL® (Selectable in command menu or auto detection)				
Display Panel	3" graphic LCD with comprehensive icon-corresponding soft keys				
Shipping Weight with Stand	106 lbs (48 kg)	115 lbs (52 kg)	133 lbs (60 kg)	150 lbs (68 kg)	161 lbs (73 kg)
Unit Dimensions with Stand	44 x 28 x 48 in (1120 x 711 x 1219 mm)	50 x 28 x 48 in (1270 x 711 x 1219 mm)	61.8 x 28 x 48 in (1570 x 711 x 1219 mm)	73.6 x 28 x 48 in (1870 x 711 x 1219 mm)	84 x 28 x 48 in (2130 x 711 x 1219 mm)
Warranty	2 Years Parts & Labor Plus 1 Additional Year after online registration @www.graphtecamerica.com				

1) Optional, extra push rollers may be required.

Distributed By:

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## MaxiSys Pro by Autel

The MaxiSys™/MaxiSys Pro™ Diagnostic Platform is an evolutionary smart solution for specialized automotive diagnosis. Utilizing the powerful A9 quad-core 1.40GHz processor, and a 9.7 inch LED capacitive touch screen, combined with the best possible coverage of OE-level diagnostics, and based on the revolutionary multitask-capable Android Operating system, the MaxiSys organizes information with test instrumentation to help you diagnose symptoms, codes, and customer complaints easily, quickly and efficiently.

There are two main components to the MaxiSys system:

- MaxiSys Display Tablet -- the central processor and monitor for the system
- Vehicle Communication Interface (VCI) -- the device for accessing vehicle data

### Technical Specifications

**Operating System:** Android™ 4.0, Ice Cream Sandwich

**Processor:** Samsung Exynos Quad-Core Processor 1.4GHz

**Memory:** 2GB RAM & 32GB On-board Memory

**Display:** 9.7 inch LED capacitive touch screen with 1024x768P resolution

**Connectivity:** Ethernet: RJ45 Ethernet Connection

- Wi-Fi (802.11 a/b/g/n)
- USB: 2.0
- Bluetooth v.2.1 + EDR

**Camera (rear):** Rear-facing, 5.0 Megapixel, AF with Flashlight

**Sensors:** Gravity Accelerometer, Ambient Light Sensor (ALS)

**Audio Input/Output:** Microphone

- Dual Speakers
- 4-Band 3.5 mm stereo/standard headset jack

**Power and Battery:** 11000 mAh 3.7 V lithium-polymer battery

- Charging via 12 V AC/DC power supply

**Input Voltage:** 12 V (9-24 V)

**Power Consumption:** 6.5 W

**Operating Temperature:** -10 to 55°C (14 to 131°F)

**Storage Temperature:** -20 to 70°C (-4 to 158°F)

**Housing:** Strong plastic housing with protective rubber boot

**Dimensions (W x H x D):** 300 mm (11.81") x 220 mm (8.66") x 50 mm (1.97")

**Weight:** NW: 1.42 kg (3.13 lb), MaxiSys GW: 8.655 kg (19.08 lb); MaxiSys Pro GW: 8.052 kg (17.75 lb)

**Protocols:**

ISO 9142-2, ISO 14230-2, ISO 15765-4, K/L lins, Flashing Code, SAE-J1850 VPW, SAE-J1850 PWM, CAN ISO 11898, Highspeed, Middlespeed, Lowspeed and Singlewire CAN, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol, TP 2.0, TP 1.6, SAE J1939, SAE J1708, Fault-Tolerant CAN