

>> Designed for shared resource,  
network printing or heavy-duty  
printing applications



## Dot Matrix Printers

### impact 3860/4480

Globalis Impact 3860a & 4480a series of printers are designed to deliver worry-free performance with bilingual print speeds reaching 1040 cps, full transparent Arabization, and patented dual paper path.

#### KEY FEATURES

- Maximum print speeds of 780 cps (Impact 3860a series) & 1040 cps (Impact 4480a series)
- Single and dual paper path models are available
- Built-in Arabization with complete support for Arabic standards
- Integrated IBM Arabic Support
- 25 bar code styles including POSTNET
- Standard Ethernet 10/100Base T (only on Impact 3860na, 4480na, 4480nda models)
- Platform independent: Unix, VMS, Windows
- Text mode support for Windows 9x/NT/2000/XP
- Ideal for multipart forms, rotative bar codes, labels, packing lists, purchase orders, invoices, and 3D or reverse images

#### One printer - Dual functioning

Globalis Impact 3860a & 4480a series of printers are comparable to entry level line printers with maximum dot matrix print speeds of 1040 cps (Impact 4480a) & 780 cps (Impact 3860a) in both Arabic and Latin languages. The Impact 3860a and 4480a models are available if you are looking for a single-path alternative, which serves either front or bottom feed. On the other hand, the Impact 4480da model comes with a dual paper path system and two sets of 6-pin push tractors (rear and front/bottom) to run longer print jobs unattended.

#### Outstanding support, reliable performance

The Impact 3860a and 4480a series feature automatic forms thickness sensing and adjustment for up to 7-part forms. There is even a control panel lockout feature to prevent unwanted changes in printer configurations. In addition, the Impact 4480da patented dual paper handling system can be adjusted depending on the kind and quality of data to be processed. You can print either by using two different continuous forms and switching between them or loading two identical continuous forms.

Print technology	18-pin, serial impact dot matrix																								
Bilingual print speed	<table border="0"> <tr> <td><b>3860a Series:</b></td> <td><b>13 cpi</b></td> <td><b>12 cpi</b></td> <td><b>10 cpi</b></td> <td><b>4480a Series:</b></td> <td><b>13 cpi</b></td> <td><b>12 cpi</b></td> <td><b>10 cpi</b></td> </tr> <tr> <td>DP</td> <td>780 cps</td> <td>720 cps</td> <td>600 cps</td> <td>DP</td> <td>1040 cps</td> <td>960 cps</td> <td>800 cps</td> </tr> <tr> <td>LQ</td> <td>195 cps</td> <td>180 cps</td> <td>175 cps</td> <td>LQ</td> <td>253 cps</td> <td>234 cps</td> <td>195 cps</td> </tr> </table>	<b>3860a Series:</b>	<b>13 cpi</b>	<b>12 cpi</b>	<b>10 cpi</b>	<b>4480a Series:</b>	<b>13 cpi</b>	<b>12 cpi</b>	<b>10 cpi</b>	DP	780 cps	720 cps	600 cps	DP	1040 cps	960 cps	800 cps	LQ	195 cps	180 cps	175 cps	LQ	253 cps	234 cps	195 cps
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Character sets	<p><b>Host code sets:</b> ASMO-449/449+, ASMO-708/708+, ARCII, ASCII, DEC/8/ASMO, Al-Arabi, IBM APC, XBASIC, CODAR-UFD, ICL CODAR, ICL ASMO-708, Cross Range, NCR 64/96, Data General, HP Arabic-8, HP Enhanced, Comterm 341/348/541, Integro 708 UNIX, ASMO/French, French/ASMO, User-defined</p> <p><b>PC code sets:</b> ADOS-708/709/710/711/720/128 864/96, Mussaed Arabi, Arabic Windows 1256</p>																								
Operating mode support	<p>8-bit Arabic with neutrals, GLCCs, &amp; GLCCs balancing</p> <p>7-bit Arabic with GLCCs, GLCCs balancing, &amp; escape sequences</p>																								
Arabic fonts	Naskh Draft, Naskh NLQ																								
Latin fonts	Gothic Courier, Gothic Wide, Gothic Italic, Courier Italic, Micro Gothic, OCR-A, OCR-B																								
Bar codes	Interleaved 2 of 5, Bi-directional 2 of 5, Code 3 of 9/11/93/128 (A, B, C), EAN-2/5/8/13, Codabar a/t, Codabar b/n, Codabar c/*, Codabar d/e, UPC 2/5/A/E, MSI, Postnet																								
Print characteristics	<p><b>Vertical spacing:</b> 3, 4, 6, 8, plus n/144 program selectable</p> <p><b>Horizontal spacing:</b> 10, 12, 13, 15, 16.7, 17.1, 20 cpi plus program selectable</p> <p><b>Print line length:</b> 13.6 inch</p>																								
Print resolution	<p><b>Vertical:</b> 72 to 144 dpi (emulation dependent)</p> <p><b>Horizontal:</b> 60 to 400 dpi (emulation dependent); Supports DEC Sixel Graphics</p>																								
Print modes	Proportional, compressed, shadow, double strike, underline, expanded (2x to 187x), superscript/subscript, oversize (2 to 187 times)																								
Paper handling	<p><b>Paper tractors (6-pin push tractors):</b> Rear tractors, Automatic Gap Adjustment: only on model with dual tractor (Impact 4480da)</p> <p>Front/Bottom tractors: on all models</p> <p><b>Paper dimensions (max.):</b> Length: 22 in. Width: 3 to 16 in. Thickness: 0.025 in.</p> <p><b>Number of copies:</b> Front/Bottom tractors: 1+6, Rear tractors: 1+5</p>																								
Special functions	Zero inch tear-off, auto top of form, auto paper park, paper motion sensor																								
Throughput	<p><b>Letter draft:</b> 590 pph (Impact 3860a Series), 640 pph (Impact 4480a Series)</p> <p><b>Spreadsheet draft:</b> 365 pph (Impact 3860a Series), 427 pph (Impact 4480a Series)</p>																								
Emulation	Genicom 3410, Epson FX 286e, IBM Proprinter XLIII, ANSiX3.64, DEC LA 210																								
Interface and connectivity	<p><b>Parallel port:</b> Centronics IEEE 1284 36-pin amphenol; speed: 30Kbytes/sec</p> <p><b>Serial port:</b> RS-232C, EIA/TIA-232; 25-pin type DB; speeds: up to 19200 baud; Automatic interface switching between serial and parallel interfaces</p> <p><b>Optional port:</b> RS-422, IBM Coax/Twinax (SCS or IPDS), Ethernet 10/100 BaseT, TCP/IP, Novell</p>																								
Input data buffer	64 K selectable																								
Drivers	Plug & Play (Windows 3.1x, 95, 98, 2000, NT 4.0)																								
Reliability	<b>MTBF:</b> 10,000 hours at 25% duty cycle																								
Consumables	<p><b>Type:</b> Black ribbon cartridge,</p> <p><b>Life:</b> 15 million draft character or 25 million character (extended life)</p>																								
Print head life	800 million characters (~1600 million strokes)																								
Physical	<b>Dimensions (w x d x h):</b> 683 x 353 x 296 mm; <b>Weight:</b> 23.6 kg																								
Operating environment	<p><b>Temperature:</b> Operating: 7° to 46°C, Storage: -20° to 60°C; <b>Humidity:</b> 10-90%, non-condensing; <b>Acoustics:</b> &lt; 58 dBA;</p> <p><b>Voltage:</b> 110 and 220 V; <b>Frequency:</b> 50 or 60 Hz; <b>Power consumption:</b> 130 watts; <b>Energy Star:</b> Yes</p>																								
Warranty	Standard one-year																								



#### For more information:

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