



**Print Method** Daisy Wheel  
**Print Speed** 40 or 55 cps  
**Ribbon** Black continuous loop fabric or multi-strike carbon film  
**Interfaces** Qume connection and RS 232 C  
**Paper Handling** Friction

**Control Panel**



**Buttons/Keys**

**FORM FEED:** Performs a form feed to the next preset next top of form.

**PAUSE:** Stops printing at the last printed character.

**LEDs/Lights**

**READY:** When lit indicates the printer is in a ready condition and can receive data. When off and the attend lamp is lit indicates there is either a fault condition in the printer or attention must be given to correct the problem. The lamp blinks when the printer has been paused.

**ATTEND:** When lit indicates attention is required by the printer. When off the printer is operating normally.

**Self-test**

1. Power down the printer.
2. Firmly press and hold down the **FORM FEED** switch.
3. Turn the printer power on.
4. Release the **FORM FEED** switch when the self-test begins.
5. To terminate the self-test turn printer power off.

**Cover Removal**

1. Disconnect the AC power cord.
2. Remove the operator access panel.
3. Remove the two screws inside the front of the printer (under the operator access panel) and the two screws on the rear of the printer.
4. Pull off the platen knob.
5. Lift up the top cover.

**Configuration**

Two sets of four DIP switches are mounted on the back of the front panel.

Bank 1 (on left)	Function	On	Off
1-1 1-2	line spacing	see Table 1	
1-3	lines per inch	8	6
1-4	auto LF	on	off

Bank 2 (on right)	Function	On	Off
2-1 2-4	form length	see Table 2	

1-1	1-2	Spacing
off	off	10 pitch
off	on	12 pitch
on	off	15 pitch

1-1	1-2	Spacing
on	on	WPS

2-1	2-2	2-3	2-4	Form Length
off	off	off	off	3"
off	off	off	on	3 1/2"
off	off	on	off	4"
on	on	off	off	5"
off	off	on	on	5 1/2"
off	on	off	off	6"
off	on	off	on	7"
off	on	on	off	8"
off	on	on	on	8 1/2"
on	on	off	on	9"
on	on	on	off	10"
on	off	off	off	11"
on	off	off	on	11 2/3"
on	off	on	off	12"
on	off	on	on	14"
on	on	on	on	16"

There is also a set of DIP switches (1 bank of eight) located on the rear of the printer.

Switch	Function	On	Off
1 - 2	reserved twintellect	on	off
3	twintellect German WP	on	off

Switch	Function	On	Off
4	reserved twintellect	on	off
5	auto BiDi print	on	off
6	auto CR/LF	on	off
7 - 8	not used	not used	

## Error Codes

The error codes are indicated by the indicator lamps **READY** and **ATTEND**.

Condition	READY Lamp	ATTEND Lamp
normal printer operation	on	off
Pause switch depressed or operator attention required: ribbon out, paper out, cover off	blinks	on
pause switch pressed	blinks	off
printer in check	off	on

## Operator Procedures

### Changing Ribbon Cartridge

1. Open the front access panel.
2. Push down on the ribbon cartridge latches and lift the used ribbon cartridge. The printer will hold the carriage in place while the ribbon is being changed.
3. Take up any slack in the new ribbon by turning the rewind knob on the top of the cartridge as indicated on the cartridge.
4. Place the replacement cartridge onto the ribbon support plate, front first, so that the ribbon will run between the guides and clear plastic card guide. Then position it securely between the latches and push it down. It will be held in place by the latches.
5. Make sure the ribbon is taut, and not tangled and is placed in front of the printwheel.
6. Close the access cover.

If the ribbon ran out during printing, the printer will stop and enter pause mode. Replace the ribbon to continue printing. No data will be lost.

### Changing the Printwheel

1. Open the access cover.
2. Remove the ribbon cartridge.
3. Squeeze the metallic release lever towards the left and gently tilt the printwheel assembly toward you as far as it will go. Do not pull on the hammer assembly.
4. Grasp the rubber printwheel hub firmly and pull upward. The printwheel should slide off. If it does not, wiggle the printwheel hub from side to side while pulling. Never pull on the spokes.
5. Examine the printwheel for ink or dirt buildup and clean if necessary. Replace damaged or badly worn printwheel.
6. Reinstall in reverse order.

## Common Problems and Fixes

When the printer power is turned on the following actions should occur:

- The printwheel should rotate.
- The carriage should move to the left side of the printer frame.
- The alarm should sound momentarily.
- The **READY** lamp should turn on and the **ATTEND** lamp should go off.

**Tops or bottoms of characters lost or light** Hammer angle misadjusted platen height too low

- Uneven letter spacing** Drive belt tension loose
- Uneven line spacing** Platen drive belt loose
- Missing letters** Hammer penetration inadequate
- Light letters** Hammer armature front stop too far back

## Printer Options

- Bi-directional forms tractor
- Paper handling system
- Speedfeed 1 cut sheet feeder

## Field Replaceable Units (FRUs)

Description	OEM P/N	IBM P/N
Parallel Daisy Wheel Printer W		11F9663
Platen knob	86672-01	
Foot	85152-01	
Shock mount	85151	

## Service Documentation

There is no service documentation available to be ordered at this time.

IBM machine type: XXXX-XXX

**Tech Support 800-877-7764**