

## Holographic Wide Web Recombining Unit

HOLPRESS  
RCW 3640 MK II



## Mechanical Wide Web Recombining System Recombining (Plate) Area: 36 inch x 40 inch (80 inch)

### Equipment description and function:

This system is capable of mechanically recombining single holographic images onto large acrylic sheets. This large acrylic sheets are then to be silvered and used to make nickel production shims. The system is capable of recombining images up to 30 square inches.



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**Specifications and Material:**

The system includes:

Heated die block

One avil 38mm x 38mm (2 inch x 3 inch) for images 19-38mm (0,75 – 2 inch) square

One avil 102mm x 102mm (4 inch x 4 inch) for images 19-102mm (0,75 – 4 inch) square (optional).

Pressure: adjustable to a maximum of 50 tons.

Placement accuracy: Computer controlled step- and repeat to +/- 25 μ on each axis.

Maximum Image Size: 30 square inches

Maximum Recombining Plate Size: 36" wide, 40" long. By shifting plate can double the length to 80". (91,5cm wide, 101,5cm / 203cm long).

Machine Dimensions: 101 inch wide x 57 inch long x 70 inch high

Weight: approximately 800 lbs.

**Spare Parts:**

One piece Upper Anvil. Four pieces Heater cartridges

**Site Preparation and Installation requirements:**

Customer is to provide for all utility hook-ups and arrange for the unloading and positioning of equipment in the factory. Customer is to provide labor and moving equipment for final assembly. All services are to be pre-installed by the customer according to a plant layout jointly developed by the customer and the supplier. Area should be climate controlled.

Electrical: 220V / 3-phase standard.

Dust free environment.

**Training (at the sellers factory):**

Acrylic sheet maintenance.

Image layout and spacing.

Air fare, meals and lodging to be paid by the buyer. Local transportation provided by the seller.

**Installation on site:**

Air fare, meals, lodging and local transportation to be paid and provided by the buyer.

**Testing Materials:**

Images (master) to be provided by the buyer. Acrylic sheets for training and installation and testing are to be provided by the seller.