

## More. Service from Schuler.

### Technical service

- Maintenance and servicing
- Machine inspection
- Safety inspection
- Preventive maintenance
- Energy checks
- Teleservice
- Overhaul
- Machine relocation
- Machine installations

### Performance enhancement

- Optimization
- Modernization
- Die and process technology

### Training

- Schuler Academy
- Production start-up support

### Used equipment

## System solutions for manufacturing heat exchanger plates



### Service worldwide:

- Germany • France • Great Britain • Italy •  
Switzerland • Slovakia • Spain • Czech Republic •  
Russia • USA • Mexico • Brazil • China • India



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## COINING PRESS WITH MULTI-CYLINDER TECHNOLOGY

### For heat exchanger plates of varying sizes

Forming quality heat exchanger plates requires narrow tolerances in the coining depth of the plate. Schuler offers an innovative multi-cylinder system with short stroke technology which can be applied over the entire range of heat exchanger plate applications. The short-stroke technology permits the press force ranges to be flexibly adapted to the various required plate geometries and process-related press sequences.

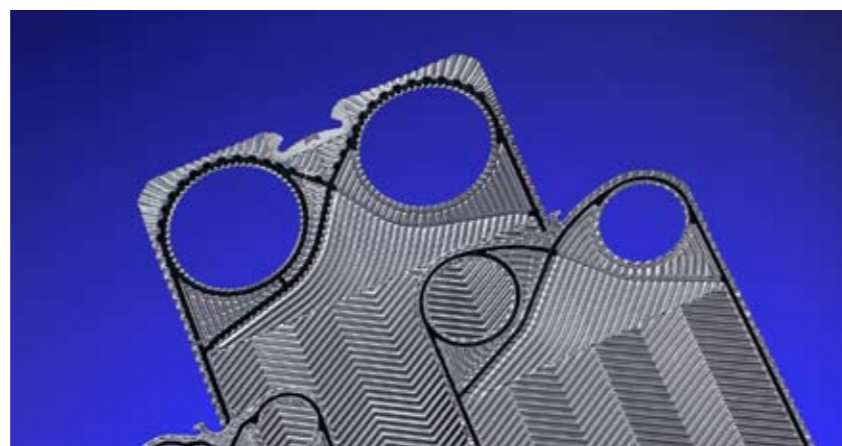
#### A decision that will pay dividends from the first day of production:

- Flexible
- Reliable production
- Cost-effective

#### MODEL OVERVIEW

	SH-4000	SH-6000	SH-15000	SH-20000	SH-25000
Capacity [kN]	40.000	60.000	150.000	200.000	250.000
Bed depth [mm]	Bed width [mm]				
1.400	2.000	2.000			
1.600		2.500			
1.800			3.600	3.600	3.000
2.300					3.800

Other sizes/capacities available upon request.



#### ADVANTAGES AT A GLANCE

- Flexible adjustment of the pressure circuit, adapted to various plate shapes
- Optimal press force distribution and material flow control thanks to pre-selection of individual pressure circuits and adjustment of individual cylinder pressures
- Bowing or shimming of the dies no longer required
- Deflection between bed and slide reduced to a minimum



Coining press SH-15000-3.6×1.8 with cylinder plate

## DOWNSTROKE PRESS WITH LONG-STROKE TECHNOLOGY

### Lines for mid-range press forces



Coining press SH-6000

For demands in the mid-range of press forces, Schuler has an innovative answer: deflection-optimized downstroke presses with long stroke technology. The favorable design reduces the required cambering of the die to a minimum. Supplemental ring cylinders compensate for deflection and minimize deflection in uprights and bed plates.

#### COMPLETE LINE SOLUTIONS

### Automated heat exchanger plate manufacturing

#### EFFICIENCY ENHANCEMENTS USING INTEGRATED AUXILIARY EQUIPMENT

- Blanking line
- Walking beam transfer system for part transport
- Loading/unloading feeder
- Foil winding units
- Fully automated die change systems
- Master control for the entire line
- Presses for edge trimming and hole-punching for fluid outlets

As a systems supplier of cost-effective production lines, Schuler offers the complete product spectrum for automated production of heat exchanger plates. From development through start-up of automated lines, Schuler delivers solutions for even the most complex, demanding projects.

For the expansion of your complete line, we offer a wide variety of possible supplemental components – and we assume the responsibility for all engineering and complete project management.

