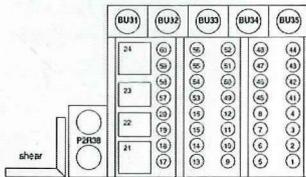


# PLURI

## Punch-shear

### Plurality of functions in a single machine



The numerous forms and shapes of parts punched and sheared on a PLURI in a single cycle makes automatic stacking complicated and expensive.

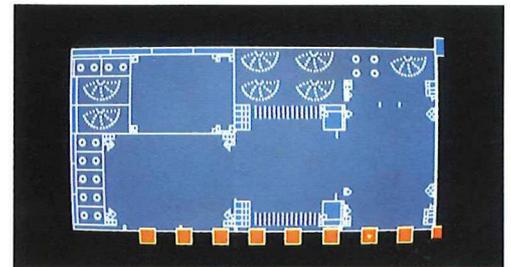
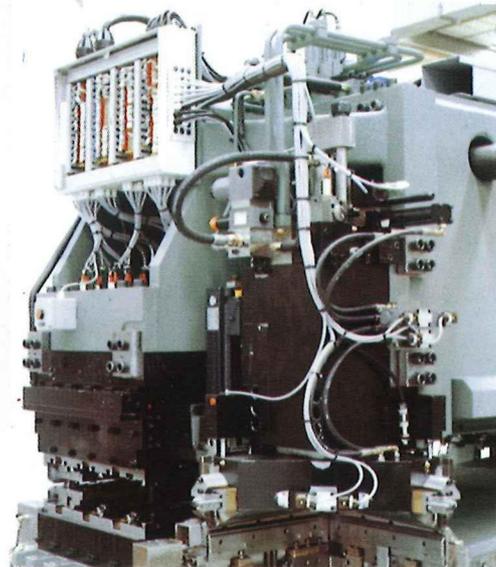
Thus this job has been left to the operator. The destacking, feeding and the positioning of the entering sheets which, in general, are large and difficult to handle, are managed automatically.

PLURI is a Punch and Shear. The shear of the PLURI should not be considered an accessory but a real machine in its own right.

The productivity of this machine is greater than a separate shear which is likely to be more cumbersome and expensive.

The rotating punches and the embossing stations are optional for they can be easily added to the machine a few days prior to despatch and also because the basic 44 punching units are often sufficient to satisfy the customer's requirements.

The PLURI includes a wealth of software to help the programmer.



### Dimensional data

	mm	inch.
Max. sheet length (both entry and exit):	2540	100
Max. sheet width (both entry and exit):	1524	60
Max. diagonal of the entering sheet:	2963	116.6
Min. length of the entering sheet:	370	14.5
Min. width of the entering sheet:	300	11.8
Max. sheet thickness, steel:	3,5	0.14

### Agent

**Salvagnini s.p.a.**  
Strada della Favorita - 36040 Sarego (Vicenza) - Italia  
Tel. (444) 72.51.11 - Tlx. 48.02.42 - Fax (444) 83.35.88

**Salvagnini America, Inc.**  
27 Bicentennial Court - Hamilton - OH 45015 - USA  
Tel. (513) 87.48.284 - Tlx. 33.32.38 - Fax (513) 87.42.229

**Salvagnini Austria GmbH**  
Fuchsegutstraße 7 - 4030 Linz - Austria  
Tel. (732) 30.99.91 - Tlx. 22.91.31 - Fax (732) 30.89.18

**Salvagnini Conic Co., Ltd.**  
Shin-Osaka Dai-ichi Seimei Bldg., 3-5-24 Miyahara,  
Yodogawa-Ku - Osaka 532 - Japan  
Tel. (6) 39.31.004 - Fax (6) 39.31.030

**Salvagnini Deutschland GmbH**  
Ursulum 23 - W-6300 Giessen - Deutschland  
Tel. (641) 41.046 - Fax (641) 48.267

**Salvagnini France S.A.**  
Parc Sud Galaxie - rue des Tropiques  
38130 Echirolles/Grenoble - France  
Tel. 76.33.32.58 - Fax 76.40.37.28

**Salvagnini Scandinavia AB**  
Växjövägen 26 - 331 42 Värnamo - Sverige  
Tel. (370) 47.135 - Fax (370) 49.378

**Сальванини Волга а.о.**  
Россия - 171510 Кимры, Тверская область  
Тел. (8236) 45287 - Телекс 171213

**Reliable, flexible  
and quiet: how to  
produce  
"just in time"  
without problems**

"From the ancient springs the new of today".

PLURI is new... although it has a 15 year history.

PLURI is very new.... because no other competing machine remotely resembles it. And yet, more than 400 machines, predecessors of the PLURI, and made to the same principles are working today throughout the world. They are known as the S4 and are combined in flexible fabricating systems with the P4 panel bender.

The name PLURI is derived from the two

fundamental concepts of the machine:

**plurality of function:**

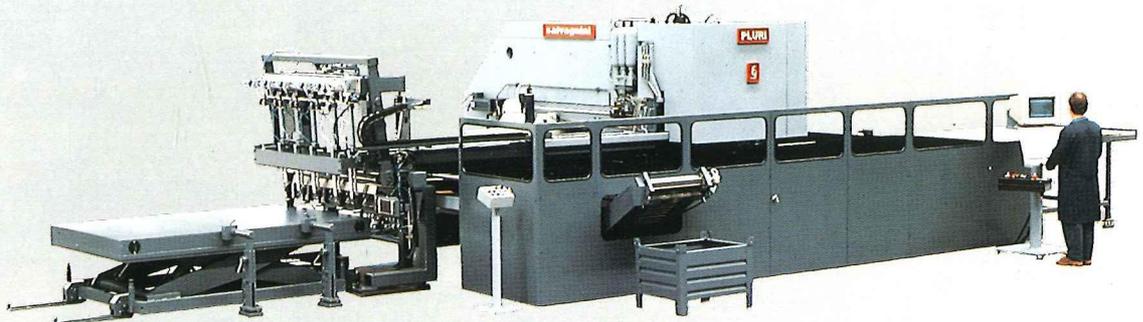
punching and shearing

**plurality of action:**

up to 52 independent punch presses.

With the PLURI, the productivity, the quietness, the precision and the reliability previously available only with the most sophisticated systems are today available to every company involved in sheet metal manufacturing.

The cost/performance ratio of this machine demands that all CNC punches of a "certain age" be replaced by the PLURI.



**All the Salvagnini  
qualities in the 25  
strong points of  
the PLURI**

1. Many independent presses (up to 52) both single and double acting in a small space.
2. Shearing with built-in right angle shear; rapid cuts of any length without sharp points and without scrap.
3. Reduction of the total distance between the points where the punching takes place.
4. Elimination of dead time for tool changing.
5. Automatic minimization of the manipulator movements.
6. High speed sheet transfer.
7. Simultaneous punchings with several punches.
8. Simultaneous punching of two overlying sheets fed automatically.
9. Circular nibbling with large diameter punches without the need to stop for the removal of scrap.
10. Programmable rotating punch unit.
11. Long tool life.
12. Precision/Productivity ratio programmable for each punching.
13. Embosses up to 16 mm deep.
14. Sheet rotation of 90°, 180°, 270°.
15. Automation of sheet feed.
16. Very low noise: 73 dB(A).
17. Intrinsic safety.
18. Excellent reliability.
19. Automatic calculation of the punching and shearing time.
20. Unlimited number of punchings for each program.
21. Self diagnostics included.
22. Machine diary included.
23. Powerful programming language well supported by Manuals and Training Courses.
24. Program check with complete elimination of errors prior to the production of a new piece (PRO-CHECK).
25. Simulation of the work cycle to highlight possible interference problems (PRO-SIMUL).