SPECIAL SPRINGS	**Delay System** **Preliminary stage questionnaire**	Rev. 02 Pag. 1 / 1 24/05/2013

Preliminary information required for the first dimensioning of the Delay System and its preliminary offer.
(Lack of information could compromise the offer)

1) N° of hydraulic cylinders required, their nominal force and stroke

n°_____ Cylinders Force _____ Kgf/each Stroke = _____ mm

n°_____ Cylinders Force _____ Kgf/each Stroke = _____ mm

2) Production rate

n° _____ pcs/min

Ram stops at TDC (highest point)

ram stops at TDC _____ sec

3) Filling the press

□ manual □ automatic

4) Position of the hydraulic cylinders into the die

□ on the bottom part of the die (fix part)

□ on the upper part of the die (moveable part)

5) Hydraulic cylinders interconnection options

□ manifold plate suitable for hydraulic connections **(solution always recommended by Special Springs)**

□ various plates connected by flexible hose pipes

6) Hydraulic cylinders layout on the die

please send ONLY the cad files related to the part of the die where the delay system is expected to be installed.
file format: DXF - DWG 2d, STP – IGES 3d

7) Type of press

Is always required the graphic of the press that show the position of the ram in relation to the cycle/time

□ mechanical press with simple rod mechanism ram stroke C = _____ mm connection rod length l = _____ mm

□ mechanical press complex (link drive) ram stroke C = _____ mm

□ hydraulic press ram stroke C = _____ mm

8) Delay required _____ sec

9) Hydraulic cylinders return stroke

cylinders must start the return stroke when the press slide is at _____ mm compared to the BDC

cylinders must finish the return stroke when the press slide is at _____ mm compared to the TDC

10) Specify the country of production and installation of the system and the type of power source required

country of installation _____ Voltage _____ V Frequency _____ Hz

Date **Stamp of approval and signature**