

ALL CHANGE – QUICKLY!



PJ Hare is renowned for its innovative approach. Our hydraulic press and tooling solutions are known for their quality, performance and reliability. We've also made tool changes and setting up quick and easy in order to minimise disruption and maximise production.

For Wittmann UK we went one stage further. Working closely together, we produced a solution for their Detroit based client, Automold, that required ZERO SET-UP and allowed a single operator to change a complete set of tooling, each weighing over 1,100kgs, in under five minutes.



The tooling was specially designed and manufactured to provide a robot-fed solution for the pressing of each of the four interior door panels for the new Mazda 6.



After activating the pneumatic die lifters (a roller based system from Premitec UK) the operator can easily slide the incumbent tool onto the detachable tool change rails with minimal effort. Then, using the forklift, the tool can be returned to the bespoke tool rack.



On selecting the next tool to be placed on the press, the set-up process is just as simple. The tool is smoothly guided into the incorporated docking station - developed so that each of the 4 tools can be perfectly positioned without the need for any additional set-up procedures.

Once in place, the pneumatic die lifters are retracted and the tooling secured using the quick release clamps. After removing the detachable tool change rails the process is complete and the system is ready to go – **all in under five minutes!**



Call 0(044) 1242 512185 or Fax 0(044) 1242 224086