



INTERVIEW



Protection

PINETTE P.E.I enhances its positioning on the protection market for the manufacturing of high pressure presses.

As the Pinette P.E.I's sales force is about to visit Eurosatory, the Defence and Security international exhibition, the workshop's teams are close to deliver a 7000 T hydraulic compression press to our client, major player in the protection market.

Pinette P.E.I enhances its positioning on the protection market for the manufacturing of high pressure presses. Éric Bidaut, in charge of the protection market at Pinette P.E.I's tells us a little bit more.



Few words about the Protection market at Pinette P.E.I's?

E.B : It's been more than fifteen years that Pinette P.E.I is certified to supply equipments to the civil and military protection. We provide high thermal performance turnkey solutions composed of hydraulic presses and temperature control of the tools systems for the manufacturing of inserts for bulletproof vests and armored plates for the land army, the air force and the navy's armored vehicles.

How explain such a high operating pressure for a press for the Protection market ?

E.B : Lately, Body Armors has faced new manufacturing constraints. The increasing demand of productivity combined to the need to lightweight the used materials have led to increase the pressure on the matter. Hence, for this market, hydraulic presses must respect very high operating pressure.

What is the need for this press and how does it works ?

E.B : This high pressure compression press allows the manufacturing of inserts in composite material for bulletproof vests.

In order to obtain an ultra light and heavy-duty plate, we use multi-level and multi-cavity tools to heat and cool the composite material.

At the end of the cycle-time, plates are ready for the next operations.

How long does it takes to Pinette to supply this kind of presse ?

E.B : To provide this complete turnkey system, ten months were necessary including the design, the manufacturing and the delivery.



Example of a press «Protection»

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Meet us at Eurosatory