



### Lamination press with 3-Plunger slide guide

Looking at the aspects of energy efficiency, the motor core material is getting thinner and the required product accuracy tolerance is getting smaller. Seeking to improve the new motor efficiency requirements from our customers, Yamada has developed a new generation of 3 plunger and 4 post slide guiding lamination presses called EPISODE. The 3 plungers are dedicated to obtain a better rigidity in the middle of the slide and an optimal dynamic stability at the BDC area. The slide material is made in a special alloy of ceramic and aluminium directly resulted from our own research&development. This special alloy guarantees a harder and lighter slide aiming to obtain an optimal BDC precision.

| Model             |     | EPISODE-150 | EPISODE-150HS | EPISODE-220 | EPISODE-330 |
|-------------------|-----|-------------|---------------|-------------|-------------|
| Press force       | kN  | 1500        | 1500          | 2200        | 3300        |
| Fixed stroke      | mm  | 15 - 30     | 15 - 30       | 30 - 50     | 30          |
| Speed max         | spm | 600         | 800           | 500         | 420         |
| Die height max    | mm  | 447         | 447           | 480         | 480         |
| D.H. adj. range   | mm  | 50          | 50            | 50          | 60          |
| Bolster area      | mm  | 1350 x 800  | 1350 x 800    | 2000 x 1000 | 2300 x 1000 |
| Slide area        | mm  | 1350 x 600  | 1350 x 600    | 2000 x 800  | 2300 x 800  |
| Strip inlet width | mm  | 430         | 430           | 500         | 500         |
| Main motor        | kW  | 37          | 45            | 45          | 75          |
| Weight            | ton | 35          | 35            | 55          | 70          |
| Height            | mm  | 3730        | 3730          | 4180        | 4920        |