



For super large PDP masks



Super Large Oil Pressure Tensioners

MODEL OS-3033A

This model is developed for tensioning of large scale screen masks (PDP) efficiently. With an adoption of single bar clamp system and tensioners in four corners, there is no unevenness in the tension for even large-scale materials. Viaduct is provided for accurate measurement at the center of one-side of screen, as well as bonding application in times of bias stretching. With detail setting programs, most part of tensioning works can be done automatically to the target values.



Custom-made products are available for maximum frame size. Please contact us for detail.

■ Main specification

Outer dimensions	5200(W)×4500(D)×1050(H)mm, Height of working 750mm (without control unit, viaduct)
Frame size	From 2300(W)×2300(H)mm (15° bias) to 3000(W)×3000(H)mm (12° bias)
Mass	Approx. 3000Kg
Power source	3φ AC200V, 20A
Air supply	6Kg/cm ² or above
Drive Method	Hydraulic(X, Y, Z axis)
Tension strength	0~2000Kgf(X and Y axis individual adjustment)
Strokes	1000mm(X axis), 800mm(Y axis), 450mm(Z axis)
Clamps	Single bar automatic clamp, width of additional clamp unit is 200mm, four corner tensioners(manual clamp)
Hydraulic pump	0~11Mps
Control	Touch panel control
Memory	30 pattern registrations, pattern changing possible
Setting functions	<ul style="list-style-type: none"> • Free setting of clamp bar location according to frame and screen sizes. • Free setting of clamp width for screen tension sizes • Individual settings of X and Y axes in terms of aging pressure, aging frequency, and aging target pressure. • Simultaneous settings of XY axes in terms of aging pressure, aging frequency, and aging target pressure. • Individual setting of XY axes' target tension pressures.

* Specifications and design details may be subject to change. C-No. E100820M

Manufacturer :



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