

YSM20R - YAMAHA High-efficiency Modular Placement Machine

I. Equipment Features:

- 1、 All-purpose surface mounter with the highest speed in its class brings 1head solution evolution to a whole new level!
- 2、 World's fastest mounting speed in its class; 5% faster than the YSM20.
- 3、 Featuring a new wide-scan camera with improved component adaptability.
- 4、 Superb mounting performance 95,000 CPH (under optimum conditions as defined by Yamaha Motor)
- 5、 Needs no head replacement! 0201mm to large-size components
- 6、 Conveyors available in freely configurable variations
- 7、 Realize non-stop components supply



II. Technical Parameters:

Model	YSM20R
Applicable PCB	Single lane L810xW490 to L50xW50 Dual stage Note:For X-axis 2-beam option only 1PCB conveyance:L810xW490 to L50xW50 2PCB conveyance:L380xW490 to L50xW50
Head /Applicable components	High-Speed Multi(HM)Head 0201mm to W55xL100mm,Height 15mm or less Odd-shaped components(FM:Flexible Multi)head: 03015mm to W55xL100mm,Height 28mm or less
Mounting capability	X axis 2-beam:High-speed multi-purpose (HM:High-speed Multi)head x2 95,000CPH (optimum)
Mounting accuracy	$\pm 0.035\text{mm}(\pm 0.025\text{mm})Cpk \geq 1.0(3\sigma)(\text{optimum})$
No. of component Types	Fixed plate:Max.140 types (conversion for 8mm tape feeder) Feeder carriage exchange:Max.128 types(conversion for 8mm tape feeder) Trays for 30 types(Fixed type:max.,when fitted with sATS30)and 10 types(Carriage type:max.,when fitted with cATS10)
Power supply	3-Phase AC200/208/220/240/380/400/416V $\pm 10\%$ 50/60Hz
Air supply source	0.45MPa or more,in clean,dry state
External dimension(excluding projections)	L1,374xW1,857xH1,445mm(Main unit only)
Weight	Approx.2,050kg(Main unit only)