

**TECHNICAL SPECIFICATIONS**  
**MAN ROLAND R-300**

<b>Name and description</b>	<b>Roland 306</b>
<b>Mnufacturer</b>	Man Roland
<b>Serie Number</b>	31233B
<b>Description</b>	Offset Printer, UV, 6 bodies, Varnish tower. With interchangeable dump of first and second body. 3 UV lamps + double lamp in dryer oven.
<b>Year of production</b>	2004
<b>Number of print copies</b>	125.000.000
<b>Work and turn position</b>	1+5 y 2+4
<b>UV dryers position</b>	3 lamps UV. Able to assemble in 6 bodies.
<b>Quantity UV dryers in dryer tunnel</b>	2 UV lamps
<b>Last change batteries cylinder ink and water</b>	1 year

**\*\*Sizes en mm \*\*MRU Ab. Man roland USA**

<b>PRINT SHEET</b>		<b>Standard</b>	<b>MRU</b>
Size	Max.	535 * 745	590 * 740
	Min.	258 * 395	260 * 400
Printing surface in blank printing	Max.	510 * 735	580 * 735
Printing surface in turn printing	Max.	510 * 735	570*735
Signature Edge to start printing	Max.	10.5	10.5
	Min.	9.5	9.5
Depth of material to be printed	Max.	0.6	0.6
	Min.	0.04	0.04
<i>Device option to guide carton: with rigid materials keep 8mm without press on ending signature.</i>			

<b>PRINT PLATE</b>	<b>Standard</b>	<b>MRU</b>
Size	605 * 740	660 * 740
Reinforcement signature, adhesive sheet 0.14	526 * 740	597 * 740
Reinforcement signature, adhesive sheet 0.16	528 * 740	599 * 740
Plate Thickness (mxx.)	0.3	0.3
Front Edge Plate to start printing	52	43
Plateholder cylinder Recess Ø (no CPL)	0.5	0.5
Cylinder plateholder Ø	235	235

<b>RUBBER BLANKET (whith guides)</b>	<b>Standard</b>	<b>MRU</b>
Size	730 * 750	730 * 750
Collate Reinforcement	600 * 740	600 * 740
Tickness Rubber Blancket	1.9	1.9
Plateholder cylinder Recess	2.0	2.0
Cylinder blanket holder Ø	232	232
<b>PRINT CYLINDER Ø</b>	236	236

<b>PILE HEIGHT</b>	<b>Standard</b>		
<b>Feeder (with palette)</b>	<b>Pile principal</b>	<b>Max.</b>	1194
	<b>Pile residual</b>	<b>Max.</b>	300
<b>Output (without palette)</b>	<b>Pile principal</b>	<b>Max.</b>	1080
	<b>Pile middle</b>	<b>Max.</b>	75
<b>Palette height</b>	144		

<b>PILE WEIGHT (Kg)</b>	<b>Standard</b>		
<b>Feeder (with palette)</b>	<b>Pile principal</b>	<b>Max.</b>	450
	<b>Pile residual</b>	<b>Max.</b>	150
<b>Output (without palette)</b>	<b>Pile principal</b>	<b>Max.</b>	460
	<b>Pile residual</b>	<b>Max.</b>	50

<b>SIGNATURE PERFORMANCE</b>	<b>Without tumbler</b>	16.000 p/h
	<b>With tumbler</b>	15.000 p/h

<b>PRINT BODIES</b>	6
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<b>Technical information vanish module:</b>			
<b>SIGNATURES</b>		<b>Standard</b>	<b>MRU</b>
Signature Thickness	<b>Max.</b>	0.6	0.6
	<b>Min.</b>	0.06	0.06
<i>The thickness minimum depending to vanish type, application and material to printing.</i>			
<b>STENCIL CYLINDER</b>			
Stencil Cylinder Ø		236	236
Splits stencil cylinder		2.6	2.6
<b>VARNISH BLANKET</b>			
Size (splint)		650 * 765	650 * 765
Varnish Blanket Thickness		1.95	1.95
<b>VARNISH PLATE</b>			
Size (with plastic support)		658 * 765	658 * 765
Plate thickness		1.16	1.16
Plate Head edge to start print		36	36
Size (With metalic support)		658 * 765	658 * 765
Plate Thickness		1.16	1.16
Plate Head edge to start print		36	36
<b>Reinforcement signature adhesive sheet</b>			
Size		520 * 740	590 * 740
Size Top Signature		668 * 740	668 * 740
<b>Inferior Blanket</b>			
Size		679 * 765	679 * 765
Thickness Inferior Blanket		1.0	1.0
<b>Cylinder Thickness</b>			
Print Cylinder Ø		472	472
<b>Signature Performance</b>			
(with varnish module)		<b>Max.</b>	15.000 p/h

<b>Control de Temperatura de Tinta</b>	No
<b>Cardboard equipment</b>	The machine not has cardboard equipment up to 0,6mm
<b>VariAir air cabinet frequency</b>	The machine has air cabinet Becker-CS model, with Rietschle and Becker pumps.
<b>Anilox Rollers</b>	The machine has 3 anilox rollers: 2 anilox rollers of 9.0 cm <sup>3</sup> /m <sup>2</sup> and 1 anilox roller of 18.0 cm <sup>3</sup> /m <sup>2</sup> . The anilox rollers are made by Praxair with engrave type DPC.
<b>UV interdeck lamps</b>	Total 5 UV lamps. 2 lamps in the exit and other 3 are able to be place in between the printing units 1 to 6.
<b>UV lamps</b>	The UV lamps are from Honle-Technology. The electric modules are from Grafix G55 multicontrol and driver IR-HAK-UV.
<b>UV Brand</b>	Grafix
<b>X-Rite IntelliTrax</b>	The X-Rite IntelliTrax D 29" is not linked to the ink fountains.
<b>CIP link</b>	No
<b>CPL</b>	Control module CPL
<b>Infra red dryer</b>	Grafex IR-HAK, with SHS lamps from Grafix.
<b>Powder Spray</b>	Powder module Grafix, Cantronic model.

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