



# NISSIN PRECISION North America

## PRESS SPECIFICATIONS

Rev 4/22/2011

### MINSTER 1

150 Ton – Stroke = 101.6mm (4") @ 105 SPM

Press # 1010

Bed Area = 1219mm x 1016mm (48" x 40")

Ram Area = 1168mm x 584mm (46" x 23")

Max. Shut Height = 343mm (13.5") Including Bolster

Min. Shut Height = 267mm (10.5") Including Bolster

Slide Adjustment = 89mm (3.5")

Pass Line = 140mm to 241.3mm (5.5" to 9.5")

Feeder Spec. = 292.1mm Wide x 3.175mm Thick (11.5" x .125")

#### **TARGET MEASUREMENTS TO BE USED**

Passline = 177.8mm (7") to 203.2mm (8")

Shut height = 292.10mm +/- .127mm (11.50" +/- .005")

### BLISS

100 Ton – Stroke = 101.6mm (4") @ 80 – 160 SPM

Press # 1020

Bed Area = 914mm x 762mm (36" x 30")

Ram Area = 914mm x 533mm (36" x 21")

Max. Shut Height = 295mm (11.625") Including Bolster

Min. Shut Height = 237mm (9.33") Including Bolster

Slide Adjustment = 58.5mm (2.3")

Pass Line = 123.7mm to 196.4mm (4.87" to 8")

Feeder Spec. = 292.1mm Wide x 2.6mm Thick (11.5" x .102")

#### **TARGET MEASUREMENTS TO BE USED**

Passline = 177.8mm (7") to 203.2mm (8")

Shut height = 292.10mm +/- .127mm (11.50" +/- .005")



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## NIAGARA 1

Press # 1050

300 Ton – Stroke = 304.8mm (12”) @ 40 – 70 SPM

Bed Area = 1066.8mm x 1828.8mm (42” x 72”)

Ram Area = 1066.8mm x 1828.8mm (42” x 72”)

Max. Shut Height = 609.6mm (24”) Including Bolster

Min. Shut Height = 304.8mm (12”) Including Bolster

Slide Adjustment = 304.8mm (12”)

Pass Line = 317mm to 368mm (12.5” to 14.5”)

Feeder Spec. = 431.8mm Wide x 3.175mm Thick (17” x .125”)

### **TARGET MEASUREMENTS TO BE USED**

Passline = 342.9mm (13.5”)

Shut height = 584.20mm +/- .127mm (23.000” +/- .005”)

## NIAGARA 2

Press # 1060

500 Ton - Stroke = 254mm (10”) @ 30 - 60 SPM

Bed Area = 1371.6mm x 2743.2mm (54” x 108”)

Ram Area = 1371.6mm x 2743.2mm (54” x 108”)

Max. Shut Height = 889mm (35”) Including Bolster

Min. Shut Height = 558.8mm (22”) Including Bolster

Slide Adjustment = 330.2mm (13”)

Pass Line = 304.8 to 457.2mm (12” to 18”)

Feeder Spec. = 838.2mm Wide x 3.175mm Thick (33” x .125”)

### **TARGET MEASUREMENTS TO BE USED**

Passline = 342.9mm (13.5”)

Shut height = 584.20mm +/- .127mm (23.000” +/- .005”)



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## **MINSTER 2**

Press # 1040

300 Ton - Stroke = 304.8mm (12") @ 30 - 60 SPM

Bed Area = 1219.2mm x 2438.4mm (48" x 96")

Ram Area = 1219.2mm x 2438.4mm (48" x 96")

Max. Shut Height = 635mm (25") Including Bolster

Min. Shut Height = 533.4mm (21") Including Bolster

Slide Adjustment = 101.6mm (4")

Pass Line = 266.7mm to 381mm (10.5" to 15")

Feeder Spec. = 660.4mm Wide x 3.175mm Thick (26" x .125")

### **TARGET MEASUREMENTS TO BE USED**

Passline = 342.9mm (13.5")

Shut height = 584.20mm +/- .127mm (23.000" +/- .005")

## **BLOW 400**

Press # 1030

400 Ton - Stroke = 304mm (12") @ 20 - 40 SPM

Bed Area = 1371.6mm x 2743.2mm (54" x 108")

Ram Area = 1371.6mm x 2743.2mm (54" x 108")

Max. Shut Height = 889mm (35") Including Bolster

Min. Shut Height = 558.8mm (22") Including Bolster

Slide Adjustment = 330.2mm (13")

Pass Line = 304.8 to 406.4mm (12" to 16")

Feeder Spec. = 762.0mm Wide x 3.175mm Thick (30" x .125")

### **TARGET MEASUREMENTS TO BE USED**

Passline = 342.9mm (13.5")

Shut height = 584.20mm +/- .127mm (23.000" +/- .005")



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## **KOMATSU 550**

550 Ton - Stroke = 299mm (11.8") @ 20 – 40 SPM

Press # 1070

Bed Area = 1295.4mm x 3048mm (51" x 120")

Ram Area = 1219.2mm x 3048mm (48" x 120")

Max. Shut Height = 762mm (30") Including Bolster

Min. Shut Height = 558.8mm (22") Including Bolster

Slide Adjustment = 250mm (9.84")

Pass Line = 254mm to 406.4mm (10" to 16")

Feeder Spec. = 1206.5mm Wide x 3.175mm Thick (47.5" x .125")

### **TARGET MEASUREMENTS TO BE USED**

Passline = 342.9mm (13.5")

Shut height = 584.20mm +/- .127mm (23.000" +/- .005")

## **VERSON 1,000**

1,000 Ton – Stroke = 944mm (24") @ 20 SPM

Press # 1080

Bed Area = 1524mm x 3962.4mm (60" x 156")

Ram Area = 1524mm x 3962.4mm (60" x 156")

Max. Shut Height = 762mm (30") Including Bolster

Min. Shut Height = 558.8mm (22") Including Bolster

Slide Adjustment = 203.2mm (8")

Pass Line = 304.8mm to 508mm (12" to 20")

Feeder Spec. = 1524mm Wide x 3.175mm Thick (60" x .125")

### **TARGET MEASUREMENTS TO BE USED**

Passline = 487mm (19.0")

Shut height = 711.2mm +/- .127mm (28.000" +/- .005")



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**AIDA TRANSFER** 6 presses at 160 Tons each  
**LINE**

Press # 2010

Stroke = 200mm (7.87") @ 8 – 20 SPM

Bed Area = 760mm x 1170mm (30" x 46")

Ram Area = 580mm x 700mm (22.8" x 27.5")

Max. Shut Height = 381mm (15") Including Bolster

Min. Shut Height = 317.5mm (12.5") Including Bolster

Slide Adjustment = 63.5mm (2.5")

Pass Line = 165mm to 288mm (6.5" to 9")

Feeder Spec. = 500mm Wide x 2.3mm Thick (20" x .090")

**TARGET MEASUREMENTS TO BE USED**

Passline = 200mm (7.87")

Shut height = 374.65mm +/- .127mm (14.750" +/- .005")

**ROLLFORM #2** 50 Ton – Stroke = 30.15mm (1.187") @ 200 SPM

Bed Area = 2997mm x 406mm (118" x 16")

Ram Area = 69.9mm (2.75")

Max. Shut Height = 280mm (11") Including Bolster

Min. Shut Height = 230mm (9") Including Bolster

Slide Adjustment = 50mm (1.937")

Pass Line = 108mm A.B. (4.25" Approx. A.B.)