

# ACCURL SWING BEAM SHEARS SMART-CUT MS SERIES

The hydraulic swing beam shear is the perfect solution for cutting sheet metal with thicknesses between 4mm and 6000mm. The hydraulic swing beam shear can handle the large dimensions required in tube and roll forming manufacturing lines. Besides handling large dimensions, the hydraulic swing beam shear can also be configured for piercing and blanking. Here at Accurl, we guarantee that we can provide you with the hydraulic shear that will get the job done.



## STANDARD COMPONENTS

- Frame produced in China by ACCURL accurately dimensioned through FEA.
- Multi-edge blades for cutting aluminum, carbon steel, and stainless steel
- Cutting-line illumination and wire for shadow-line cutting
- Stroke counter
- Quick cutting-length adjustment
- Hydraulic and electrical overload protection
- Squaring arm and front support arms
- Bed infill plates with ball transfers
- Delta inverter with ball screw and polished rod with 0.01 mm accuracy
- Backgauge adjustment according to blade gap
- Backgauge retraction feature
- Sub-program and programming loop
- Sequence repeat function
- Auto-cutting (Flying cut)



Pneumatic Support-Optional



Estun E21S NC System



Germany Bosch-Rexroth Hydraulic System

## OPTIONAL EQUIPMENT

- DELEM DAC 310 CNC Control
- Pneumatic Sheet Supporting System
- Table Mounted Sheet Angle Cutting Gauge
- CNC Control with input of Plate Thickness



### Estun E200-S

LCD240×128 display  
 Program memory of up to 40 programs up to 25 steps per program  
 Servo system control  
 One side positioning indication  
 Retract function  
 Auto reference search  
 Power-down memorization mm/inch  
 Chinese / English Diagnosis function



### Delem DAC310

Servo control technology  
 Bright LCD display, 128X64 pixels  
 Backgauge, Gap or Angle control  
 Stroke length limitation  
 Actual and programmed position visualisation



### Elgo P40

Single or Two axis Controller  
 LCD display  
 Simple handling  
 Manual function  
 Single set operation  
 Program memory  
 Digital outputs  
 Analog output

## SPECIFICATIONS

Type	Cut Thickness mm	Cut length mm	Shear Angle Degree	SPM min-1	Back Gauge mm	Throat Depth mm	Main Motor kw	Net Weight kg	Outline Size (L×W×H) mm
MS7-4×2500	4	2500	1°30'	≥ 22	600	100	5.5	4650	3300×1600×1700
MS7-4×3200	4	3200	1°30'	≥ 18	600	100	7.5	4950	3950×1600×1700
MS7-4×4000	4	4000	1°30'	≥ 12	600	100	7.5	6900	4600×1705×1600
MS7-6×2500	6	2500	1°30'	≥ 16	600	120	7.5	5140	3150×1500×1600
MS7-6×3200	6	3200	1°30'	≥ 12	600	120	7.5	6250	4000×1700×1800
MS7-6×4000	6	4000	1°30'	≥ 10	600	120	7.5	8520	4650×1700×1800
MS7-6×6000	6	6000	1°30'	≥ 7	600	120	11	17000	6780×2450×2100
MS7-8×2500	8	2500	1°30'	≥ 14	600	120	7.5	5900	3180×1680×1700
MS7-8×3200	8	4000	1°30'	≥ 12	600	120	7.5	6500	4000×1800×1850
MS7-8×4000	8	3200	1°30'	≥ 10	600	120	11	7360	4680×1800×1850
MS7-10×3200	10	3200	1°50'	≥ 12	600	120	11	8100	4000×1950×1900
MS7-10×4000	10	6000	1°50'	≥ 6	600	120	18.5	21800	6880×2260×2100
MS7-12×2500	12	2500	2°	≥ 10	800	170	18.5	9600	3300×2030×1840
MS7-12×3200	12	3200	2°	≥ 9	800	170	18.5	11700	4200×2050×2100
MS7-12×4000	12	4000	1°80'	≥ 8	800	170	18.5	13800	4800×2270×2000
MS7-12×6000	8	6000	2°	≥ 4	800	320	30	38000	6900×2800×2500
MS7-16×2500	16	2500	2°9'	≥ 9	800	315	18.5	11100	3310×2240×2000
MS7-16×3200	16	3200	2°	≥ 8	800	320	18.5	12900	4200×2150×2200
MS7-16×4000	16	4000	2°	≥ 7	20-1000	320	18.5	19700	4820×2490×2460
MS7-16×6000	16	6000	2°	≥ 4	20-1000	320	22	44000	7100×2900×2650
MS7-20×3200	20	3200	2°30'	≥ 5	1000	320	30	22000	4190×2400×2300
MS7-20×6000	20	6000	2°30'	≥ 4	1000	150	55	51000	7100×3500×3050
MS7-25×2500	25	2500	3°	≥ 5	1000	325	37	20000	3450×2650×2800
MS7-25×3200	25	3200	3°	≥ 5	1000	325	37	27000	4130×3100×2800
MS7-32×2500	32	2500	3°30'	≥ 4	1000	350	45	32500	3550×3100×2800
MS7-32×3200	32	3200	3°30'	≥ 4	1000	350	45	42100	4335×3300×3280