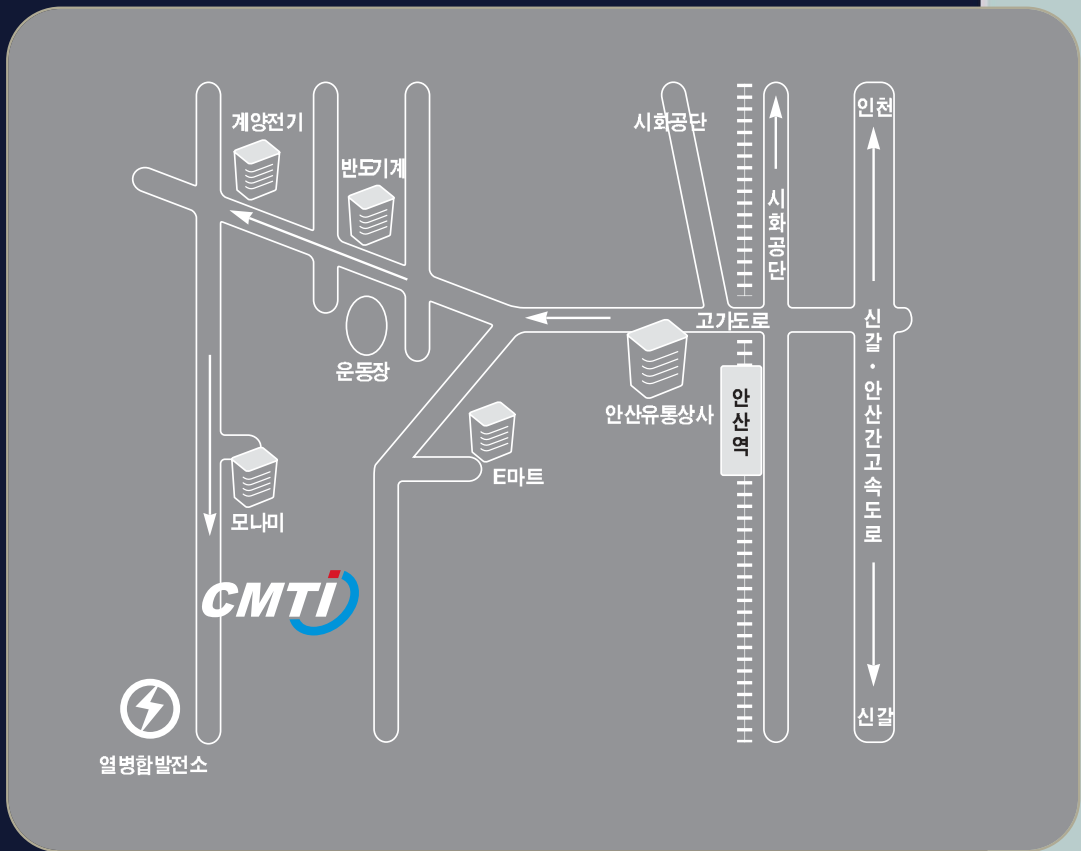




Creative Machinery Technology Innovation

www.cmti.co.kr

cmti@cmti.co.kr



경기도 안산시 초지동 652-6 반월공단 9B 59-1L
Tel. 031-493-6397/8 Fax. 031-493-6399

9B 59-1L Banwol Industrial Area, 652-6 Choji-dong, Ansan-shi, Kyunggi-do, Korea
Tel. +82 31-493-6397/8 Fax. +82 31-493-6399



Creative Machinery Technology Innovation

DIE SPOTTING PRESS



다이스포팅 프레스

금형반전기



MOLD REVERSING MACHINE

www.cmti.co.kr

cmti@cmti.co.kr

DIE SPOTTING PRESS

■ 기계적 특징 (Mechanical and Safety Characteristics)

‘CMTI의 다이스포팅 프레스가 고품질의 금형생산과 효율적인 사상작업 실현’

‘Improve the efficiency of spotting press for mold manufacturing’

‘고성능으로 최상의 생산성을 달성한다’

‘Realize the better efficiency of operation with high technology’

- ▶ 저소음 Low operation noise.
- ▶ 높은 반복 정밀도 실현 Excellent replacing accuracy.
- ▶ 간편하고 편리한 조작성 Simple and reliable operation.
- ▶ 철저한 누유(漏油)대책 실현 Leak tight hydraulic circuits.

DSP-2515-200



DSP-0806-50



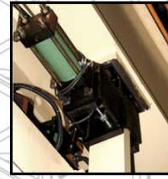
DSP-2515-300



DSP-3020-400



DSP-3020-300



**슬라이드의 상사점에서
안전을 돕는 안전록킹 장치**
Hydraulic emergency locks
preventing sliding of bolster



**코어작동테스트를 위한
유압 원터치 커플링**
One-touch hydraulic couplings
allowing for test of slide cores



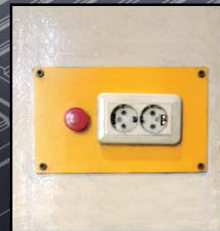
**금형보호를 위하여 스폿팅 작업을
무부하까지 가능하게 하는
밸런스 하강 시스템**
Remote control valve supporting
prevention of molds from too
excessive spotting



**슬라이드가 상승된 상태에서
안전하게 작업할 수 있도록
양쪽에 안전바 설치**
Additional 2 safety bars for all
safety failure prevention



고효율 저소음의 더블베인 펌프
High efficiency, low noise
double vane pump

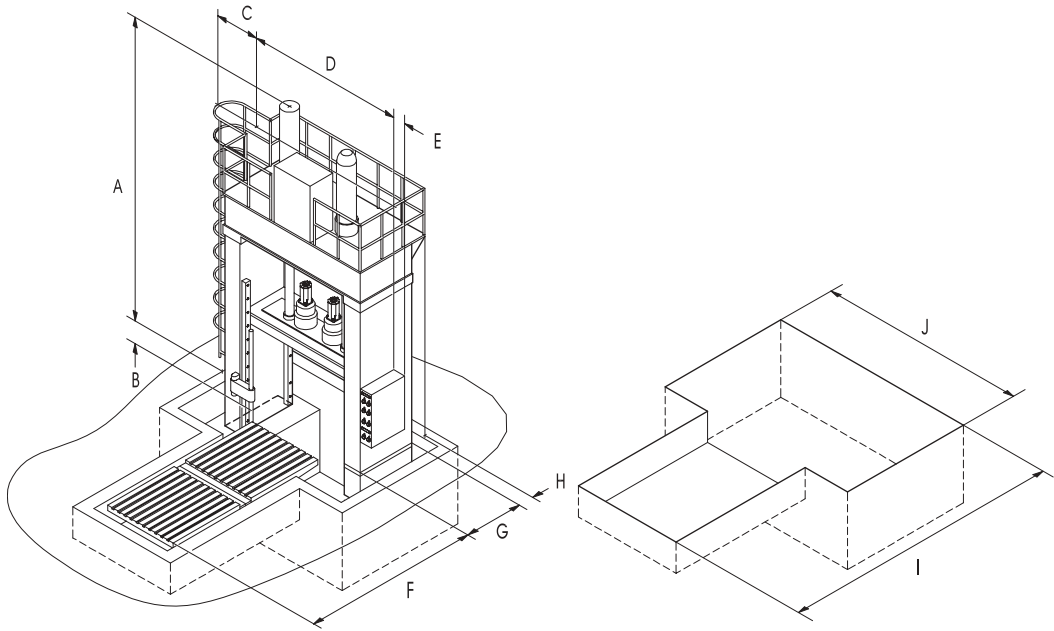


**비상정지 스위치 및 220V
전기콘센트를 네 곳에 설치**
Emergency buttons and 220V
access sockets positioned in
4 various points

DIE SPOTTING PRESS

■ 제품 제원 (Specification)

| Specification \ Model | DSP-1007-50 | DSP-1310-100 | DSP-1612-150 | DSP-2015-200 | DSP-2515-300 | DSP-3020-300 | DSP-3020-400 |
|-----------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Pressing capacity(ton) | 50 | 100 | 150 | 200 | 300 | 300 | 400 |
| Lifting capacity(ton) | 20 | 40 | 42 | 70 | 80 | 80 | 100 |
| Table size(mm) | 1000 × 700 | 1300 × 1000 | 1600 × 1200 | 2000 × 1500 | 2500 × 1500 | 3000 × 2000 | 3000 × 2000 |
| Day light(mm) | 900 | 1200 | 1500 | 1700 | 2000 | 2500 | 2500 |
| Stroke(mm) | 850 | 1130 | 1390 | 1700 | 2000 | 2500 | 2500 |
| Descending speed(mm/s) | 70 | 70 | 80 | 60 | 65 | 65 | 70 |
| Slow descending speed(mm/s) | 30 | 22 | 22 | 22 | 18 | 18 | 17 |
| Ascending speed(mm/s) | 70 | 70 | 78 | 62 | 65 | 65 | 67 |
| Motor output(kw) | 5.5 | 7.5 | 11 | 18.5 | 30 | 30 | 30 |
| Max. mold weight(ton) | 3 | 6 | 8 | 12 | 20 | 20 | 30 |
| Max. upper mold weight(ton) | 1.5 | 3 | 4 | 6 | 10 | 10 | 15 |

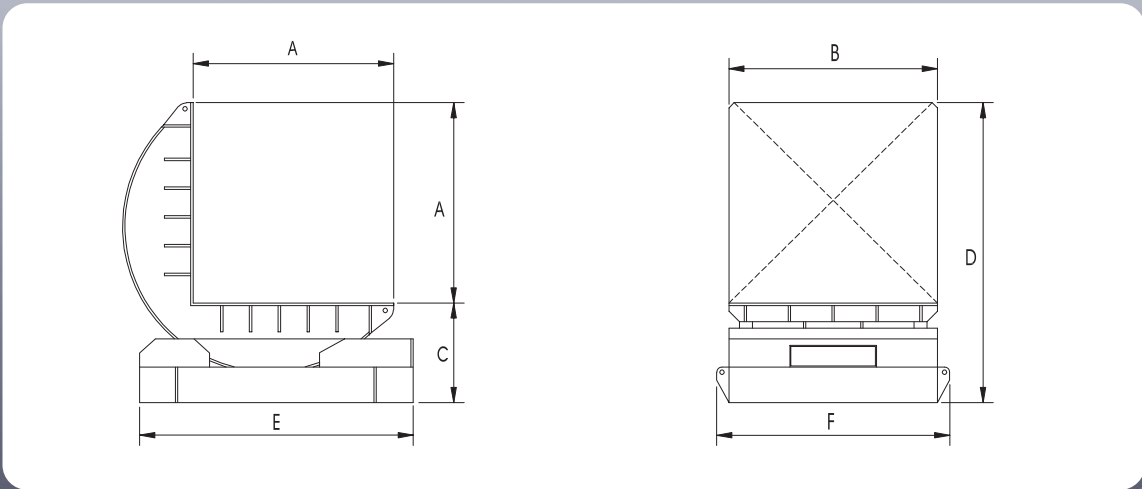
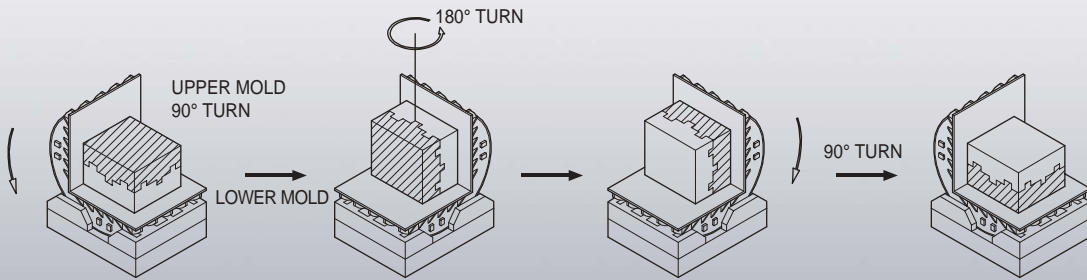
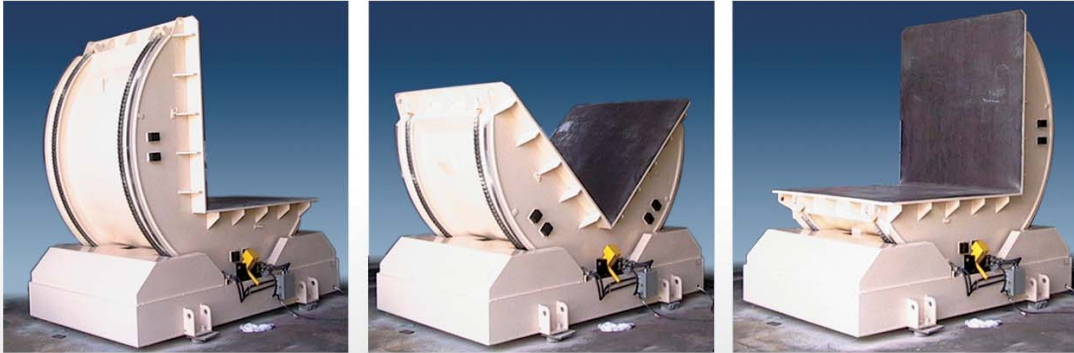


단위 : mm

| Dimension Model | A | B | C | D | E | F | G | H | I | J | Weight (ton) |
|-----------------|------|-----|-----|------|-----|------|------|-----|------|------|--------------|
| DSP-1007-50 | 3305 | - | - | 1700 | 250 | 1595 | 740 | 615 | - | - | 7 |
| DSP-1310-100 | 4050 | - | - | 2120 | 250 | 2300 | 1060 | - | - | - | 13 |
| DSP-1612-150 | 4260 | 540 | 750 | 2650 | 375 | 3200 | 1320 | - | 5100 | 3500 | 21 |
| DSP-2015-200 | 5460 | 700 | 750 | 3240 | 375 | 4000 | 1500 | - | 5950 | 4600 | 35 |
| DSP-2515-300 | 6210 | 815 | 750 | 3800 | 375 | 4000 | 1500 | - | 7200 | 5000 | 48 |
| DSP-3020-300 | 7400 | 750 | 750 | 4400 | 415 | 5000 | 2000 | - | 7600 | 5800 | 55 |
| DSP-3020-400 | 7400 | 750 | 750 | 4400 | 415 | 5000 | 2000 | - | 7600 | 5800 | 75 |

MOLD REVERSING MACHINE (MRA Series)

수직형 기계식 금형 반전기 (Mechanical Mold Reversing Machine)



단위 : mm

| Dimension Model | Capacity(ton) | A | B | C | D | E | F |
|-----------------|---------------|------|------|------|------|------|------|
| MRA-10 | 10 | 1300 | 1300 | 760 | 2060 | 1700 | 1500 |
| MRA-15 | 15 | 1550 | 1550 | 900 | 2450 | 2500 | 1750 |
| MRA-20 | 20 | 1800 | 1800 | 900 | 2700 | 2700 | 2000 |
| MRA-30 | 30 | 2000 | 2000 | 1000 | 3000 | 3000 | 2000 |

MOLD REVERSING MACHINE (MRM Series)

■ 수평형 유압식 금형 반전기 (Hydraulic Horizontal Reversing Machine)

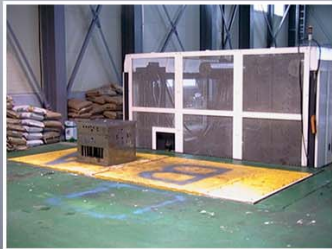


Model No.:MRM-20

작업 완료 후 원위치 상태 ▶
Returned to the initial position



◀ 초기 준비 상태
The origin



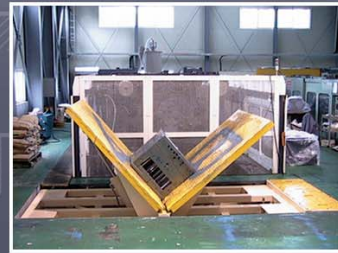
▲ 반전 후 "B"판 하강 완료
The plate "B" returned to the initial position
after reversing to "A" direction



▲ 반전을 위하여 "A"판을 세우고
금형을 올려 놓은 상태
Mold is put on the plate "B"
after lifting the plate "A"



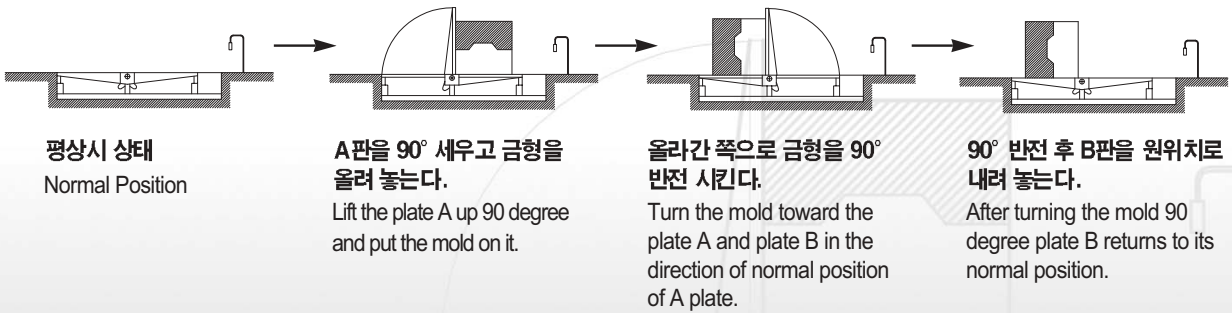
▲ "A"로 반전 완료
Reversing finished to "A" direction



▲ "A"로 반전 중
Reversing to "A" direction

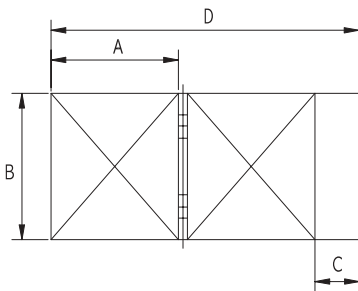


1. 동작 순서 (The Order of Working Process)

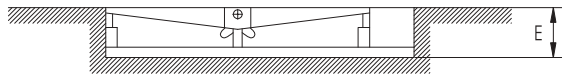


2. 제품 제원 (Specification)

Top view



Side view



단위 : mm

| Dimension Model | Capacity(ton) | A | B | C | D | E |
|-----------------|---------------|------|------|-----|------|------|
| MRM-10 | 10 | 1300 | 1300 | 700 | 3450 | 800 |
| MRM-15 | 15 | 1550 | 1550 | 700 | 3950 | 800 |
| MRM-20 | 20 | 1800 | 1800 | 700 | 4450 | 1200 |
| MRM-30 | 30 | 2000 | 2000 | 700 | 4850 | 1500 |