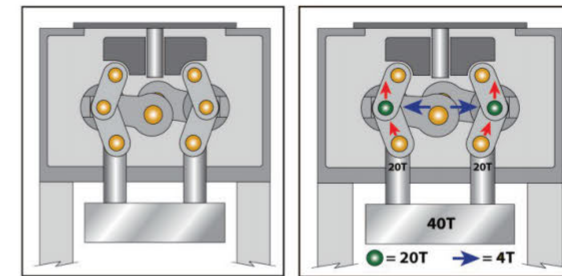


MARX SERIES

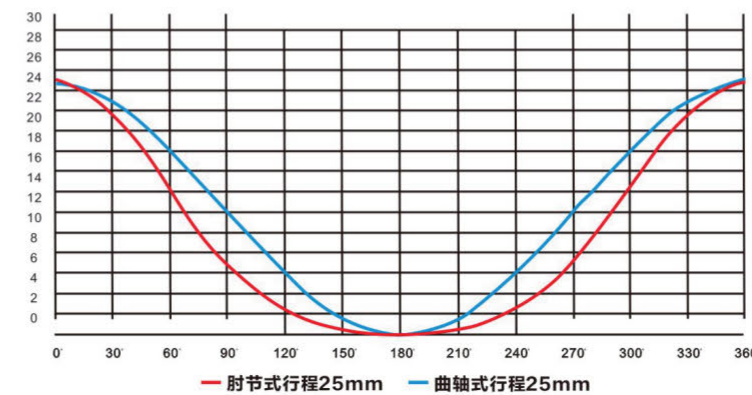
- SAFETY
- STABLE
- PRECISION
- ENERGY SAVING
- AUTOMATION

30-80TONS

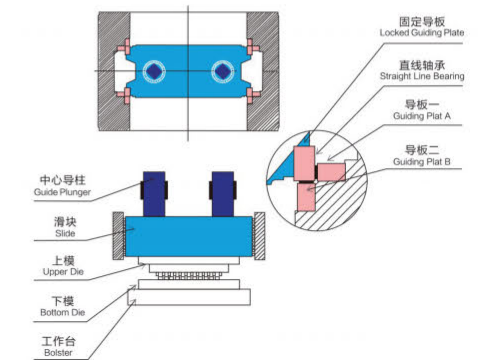


Perfect Stamping Effect

Horizontally symmetrical symmetrical toggle linkage design ensure the slider moving smoothly near the bottom dead center and achieve a perfect stamping result, which meets the stamping requirements of lead frame and other products. Meanwhile, the motion mode of the slider reduces the impact on the mould at the time of high-speed punching, and prolongs the mould service life.



CURVE COMPARISON



STRUCTURE DIAGRAM

Performance Features

MARX series is Knuckle-Joint High Speed Press Machine, it's designed for stamping processes such as deep drawing, pressure holding, and high-precision forming. QIAOSEN knuckle Joint presses, which built to meet or exceed JIS Class 1 accuracy standards. The frame of the machine is made of high-strength cast iron, which is most suitable for continuous punching, drawing and forming production because of its stable material and constant precision after internal stress relief. which can make the press machine have minimizing deflection and high accuracy and provide increased tool life.

- ◆ Design with horizontally symmetrical knuckle-joint that can ensure the slide motion to proportionally increase the work force while slide low down during working part of the die, which produce higher surface finish and near finished parts, which increase customer's productivity.
- ◆ This type can meets the stamping requirements of lead frame and other precision forming stamping parts.

- ◆ The special motion curve of the slide reduces the violent impact on the stamping tools at the time of high-speed stamping and prolongs the tools service-life.
- ◆ Adopting "8-Points Slide Guiding", which can make the press machine have minimizing deflection and high accuracy and stronger stability.

Technical Parameters

| Specifications | Unit | MARX-30T | | | | MARX-40T | | | | MARX-60T | | | | MARX-80T | | | |
|---------------------------|------|---------------------|----------|----------|---------|----------|----------|---------|---------|----------------------|---------|---------|---------|------------------------|---------|---------|---------|
| Press capacity | Ton | 30 | | | | 40 | | | | 60 | | | | 80 | | | |
| Slider stroke length | mm | 16 | 20 | 25 | 30 | 16 | 20 | 25 | 30 | 20 | 25 | 32 | 40 | 20 | 25 | 32 | 40 |
| Slider strokes per minute | Spm | 200-1250 | 200-1200 | 200-1050 | 200-900 | 180-1250 | 180-1100 | 180-950 | 180-900 | 100-750 | 100-750 | 100-650 | 100-550 | 120-600 | 120-500 | 120-500 | 120-450 |
| Die height | mm | 190-240 | | | | 190-240 | | | | 220-300 | | | | 240-320 | | | |
| Bolster area | mm | 600*400 | | | | 750*500 | | | | 1100*600 | | | | 1500*800 | | | |
| Slider size | mm | 600*300 | | | | 750*340 | | | | 1130*500 | | | | 1380*580 | | | |
| Adjustment amount | mm | 50 | | | | 50 | | | | 80 | | | | 80 | | | |
| Opening size of bolster | mm | 400(UP)*350(Low)*60 | | | | 500*100 | | | | 800(UP)*700(Low)*100 | | | | 1160(UP)*1160(Low)*120 | | | |
| Main motor | KW | 11 | | | | 15 | | | | 22 | | | | 30 | | | |
| Total weight | Kg | 6500 | | | | 8000 | | | | 14000 | | | | 22000 | | | |