Enomoto Technology

SCREW PRESS www.enomt.co.jp

ZES/VES/YES/TES

Servo driven Screw press has profit

KEY WORD 1
ENERGY SAVING

KEY WORD4
HIGH ACCURACY

KEY WORD5
SKILL LESS

KEY WORD2
LESS MAINTENANCE

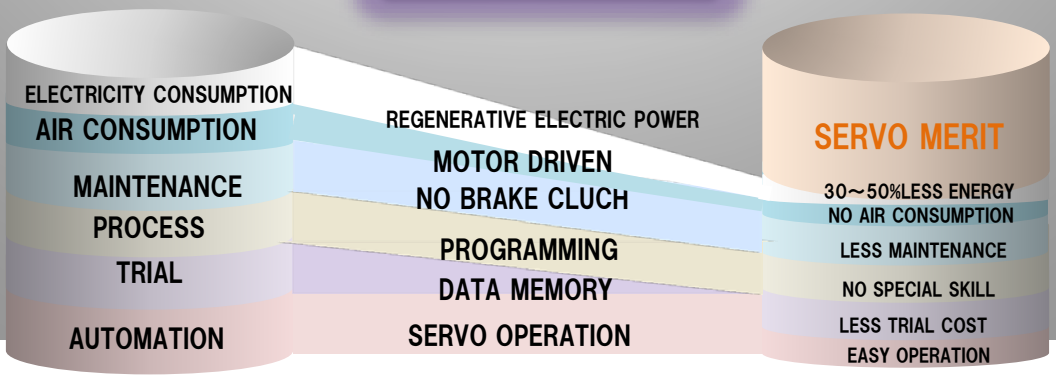
KEY WORD6
HIGH OPERATION RATE

KEY WORD3
WIDE APPLICATION

KEY WORD7
NO BREAKAGE DURABLE

LOWER OPERATION COST

KEY WORD8
COST SAVING



PAST FRICTION TYPE

SERVO DRIVEN TYPE

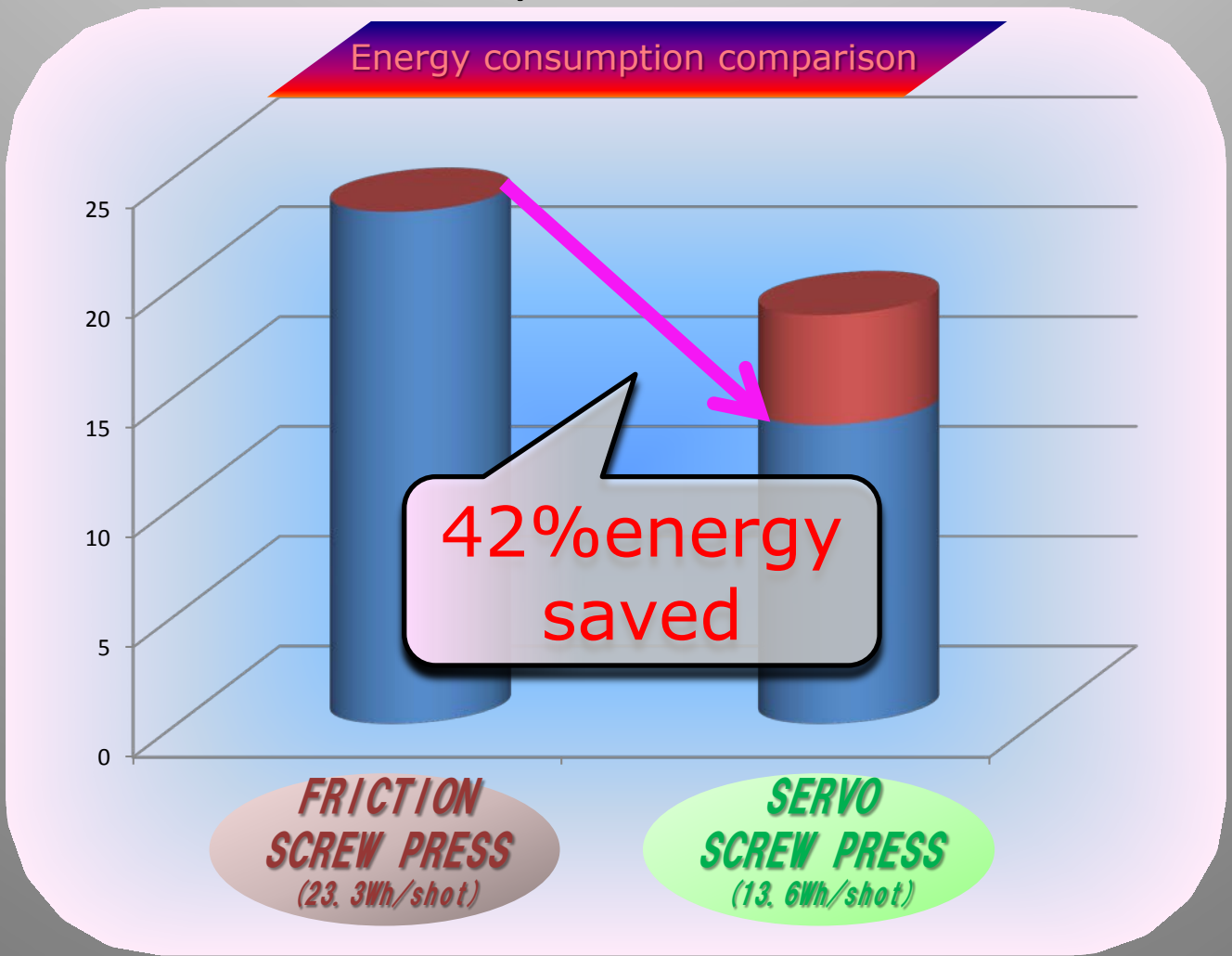
KEY WORD1

ENERGY SAVING

- Motors' Regenerative electricity cuts total energy consumption.
- Motors move as necessary.
- Compressed air consumption is ZERO.

→ ENEGY SAVED, MIN 30% and MAX 50%

※ECO press certificated



KEY WORD2

LESS MAINTENANCE

- Motor direct driven, No clutch plate
- Blake is used only for emergency
- No friction wheel, bearing hole
- Function of over load detection and stopping protects machine from damage.
- Lubrication sensor

→ LESS CONSUMABLE ITEMS
LESS MAINTENANCE, DURABLE

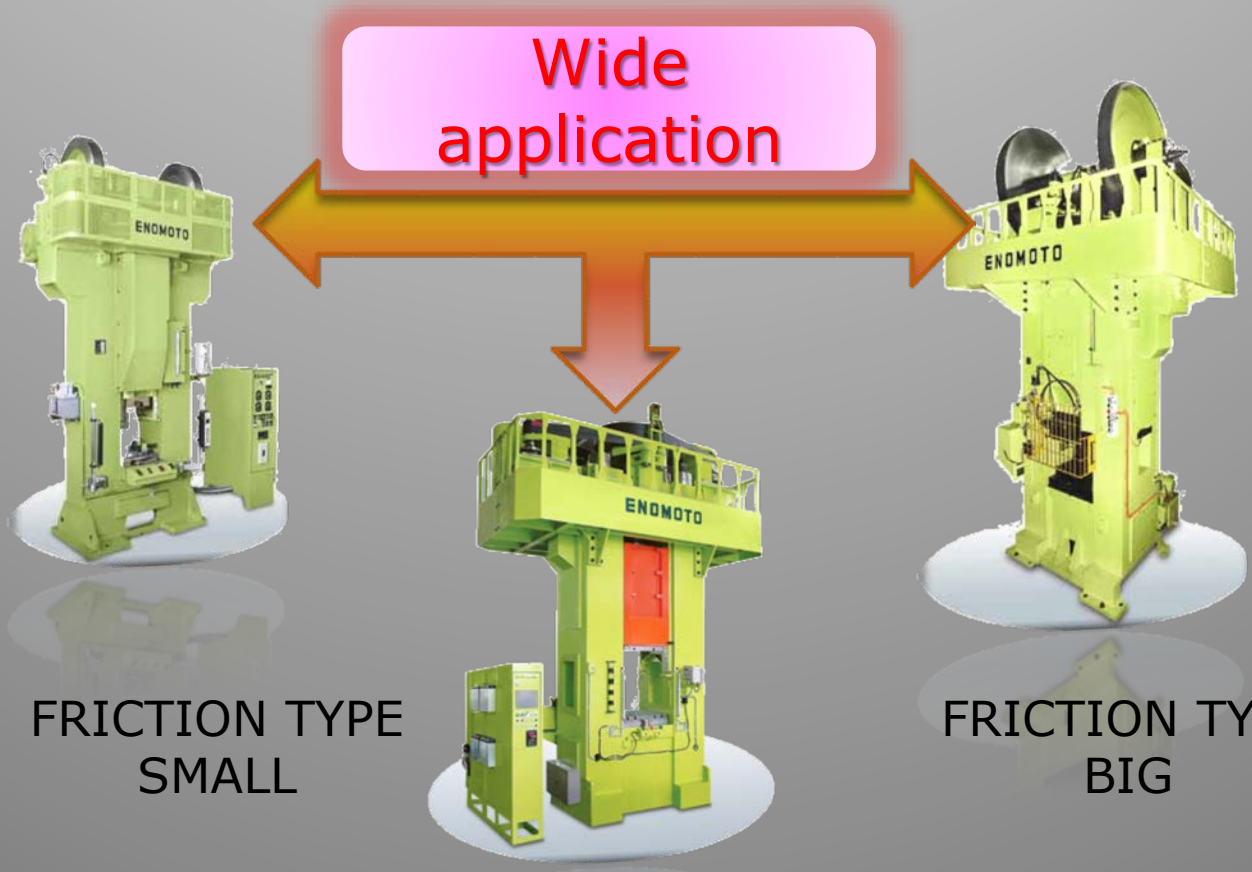
FRICTION TYPE
80AF

SERVO DRIVEN TYPE
600VES

KEY WORD3

WIDE APPLICATION

- Servo direct driven, slide can reduce speed.
- Big machine can forge small items.
- Process time is almost same.
- 1 machine has wide application



KEY WORD4

HIGH ACCURACY

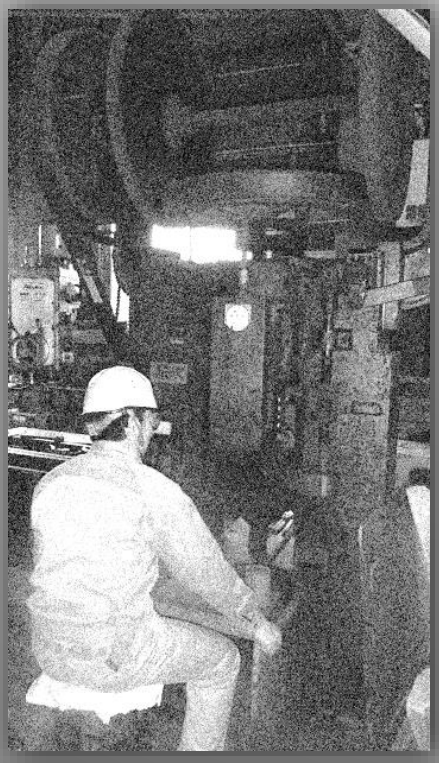
- No unstable friction transmitting
- Energy controlling by fly wheel by encoder
- Slide position controlling by encoder
- Ram speed(=forming energy) viewing

→High accuracy is realized.

KEY WORD5

SKILL LESS

- Memory data（200 numbers）
- Motion reappearing is easy.
- Settings on the touch screen.
- Special skill is not required.
- Proficiency and experience are not required.



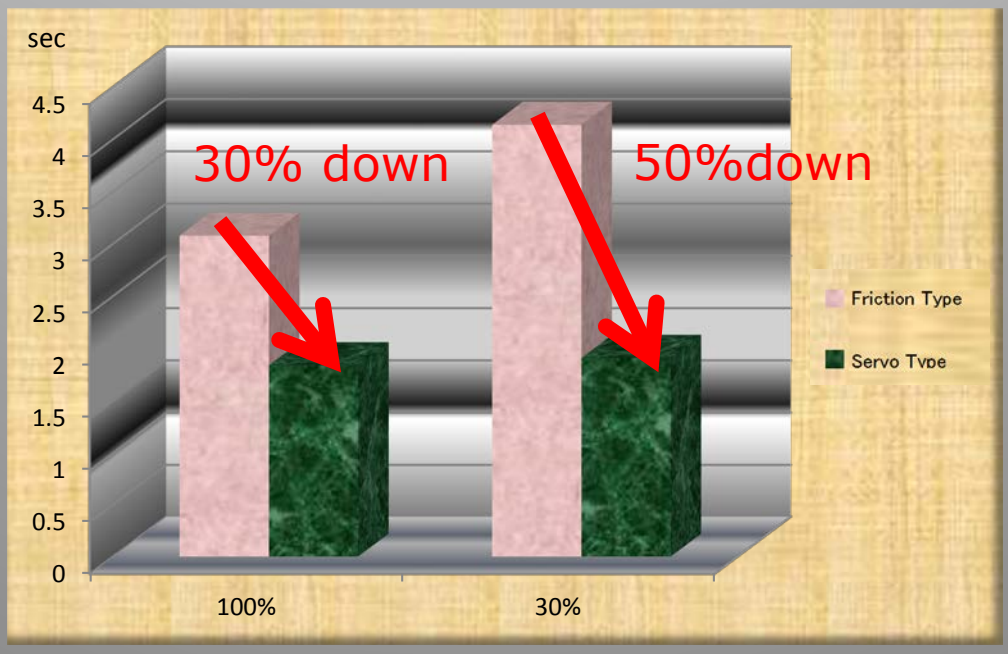
▲Old machine needs proficiency.

▲Settings on the touch panel is possible.

KEY WORD6

HIGH OPERATION RATE

- Quick approach→speed down→forging and quick return by highest speed.
- 1 stroke time is short.
- High responsiveness by motor direct driven. Slide starts quickly.
- High operation rate is realized.
- Machine stopped time is reduced by less maintenance time.



Comparison of operation time at 100% and 30% speed
Between the friction type and the servo type.

KEY WORD7

NO BREAKAGE
DURABLE

- Less friction parts such as clutch and brake, Less breaking rate.
- Slide's vertical motion makes less wearing.
- Parts number is small.
- Over load alarm to stop and lubrication alarm to stop protect machine from breaking.

ENOMOTO MACHINE CO., LTD.

1-1-5 Machiya, Midori-ku, Sagamihara-City,
Kanagawa-Pref., 252-0101 JAPAN
Tel. +81-42-782-2842
Fax. +81-42-782-4461
HP: http://www.enomt.co.jp
Email: enomoto@enomt.co.jp