

FEATURES & BENEFITS OF NAKATA EXTRUDERS

RZ-H EXTRUDER DEVELOPED AT SUZHOU NAKATA

Global procurement made it possible for our China factory to develop a low cost extruder, yet with Nakata technology. (Currently, diameters 90 and 60 mm extruders are in its lineup.) Nakata Engineering will continue to develop machinery meeting customers' budgets and requirements.

PIN TYPE EXTRUDER



RZ-H extruders have a control cabinet and TCUs on its base plate combined together. This feature can realize reduction of timeframe from installation through start-up.

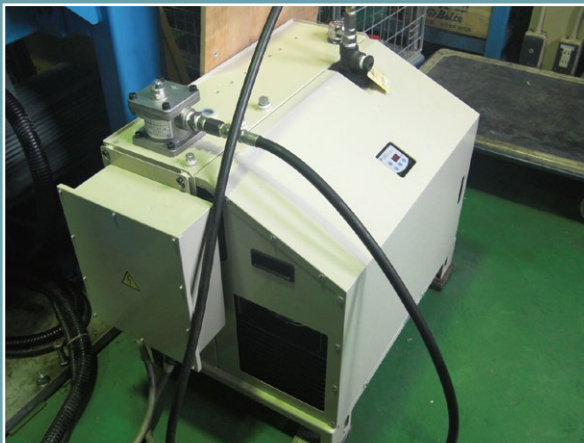


RZ-H extruders are convertible into a vent type or non-pin cold feed type by choice of its cylinder barrels.

HYBRID HYDRAULIC UNIT

Our EFE (Environmentally Friendly Equipment) project led us to employ a hydraulic unit of "low noise" and "energy saving" type.

Noise can be reduced by 20% approximately to less than 70dB. While the conventional unit has a 15kW induction motor, the new unit has a 5kW high efficiency motor. It also has a 60-liter small fluid tank, less than half the conventional one. This is a hydraulic unit superior in many environmental factors.



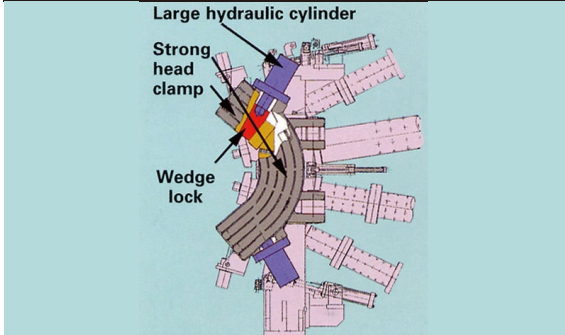
It is also possible to replace only the tank part to a Hybrid Hydraulic Unit making use of the existing manifold of your hydraulic system.



A combination of Hybrid Hydraulic Unit and a manifold unit.

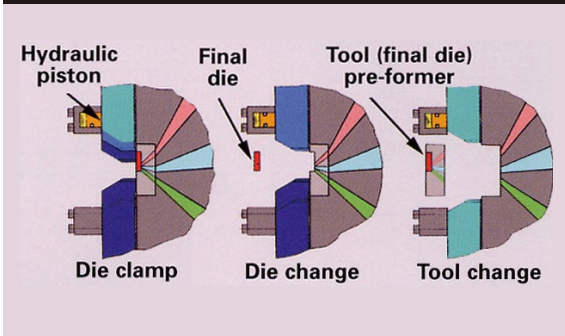
FEATURES & BENEFITS OF NAKATA EXTRUDERS

HEAVY DUTY CLAMPING SYSTEM



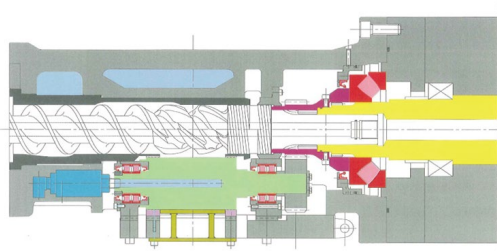
The heavy duty clamping system developed by Nakata for high extrusion pressures uses a unique, strong head clamp, wedge lock and large hydraulic cylinder. (Maximum operating head pressure - 250 Kg./Sq. Cm.)

SHORT CHANGEOVER TIME



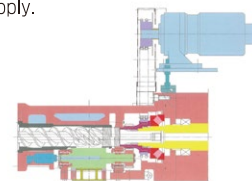
The Nakata extruder is designed so the final die change can be made in one minute. The upper tool clamping system can be stopped at a set intermediate position, enabling the final die to be changed with the pre-former still clamped, preventing rubber leakage between the head and the tool.

LONG-LASTING AND HIGHLY RELIABLE FEED ROLL



Nakata extruders feature an improved feed roll assembly to prevent rubber leakage, ensure longer life and provide stable feeding of the compound. Nakata extruders featuring a separate-drive type feed roll, in which the extruder and the feed roll are driven separately, are also available, meeting customer needs in terms of operating environment and more highly accurate compound supply.

Separate-drive type feed roll



A WIDE VARIETY OF CLAMP STRUCTURES



Nakata multiplex heads feature a wide variety of clamp structures, capable of meeting a broad range of customer needs.

NEW CLUMP TYPE MULTIPLEX HEAD (Now on performance test)