### UBEMAX-UF Series Main Spec Sheet

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**Notes:**
1. Unit is used for the above spec sheet.
2. Theoretical injection volume is (Screw Dia. x Cross section area) x (Screw stroke) x (Injection Love) x (Injection oil pressure).
3. Injection and clamping pressure are limited to the maximum injection capability.
4. Screw tension is limited to specified load.
5. Injection and clamping pressure are limited to the maximum injection capability.
6. These above values are subject to change without prior notice.

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### Ultra Large All Electric Injection Molding Machines (1,300t ~ 3,500t)

- **MD1300HW**
- **UF1600**
- **MD3000HW**

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**UBE MACHINERY CORPORATION LTD.**

Main webpage:
http://www.ubemachinery.co.jp

2014.12 - Gseas
Useful & Flexible
The UF Series is a multi-purpose electric machine designed to fit the needs of injection molders worldwide.

New e-HUMMA Controller
e-HUMMA offers simple operation for complete utilization

User Friendly
Easy to Operate and Maintain

UBEMAX-UF Mold-Link® Comparison

Rigid Clamp Design "TAF clamp**"
TAF clamp : Increase Rigidity

60% Deflection Reduction

Machine Base Stability Comparison
Platen Deflection Comparison

Improved ball screw seals reduce grease volume by 90% from conventional design.
The improved design also increases durability to enhance ball screw life.
Grease distribution control reduces both grease consumption and improves ball screw wear.
The new design offers you many competitive advantages, the improved cleanliness of the plant environment along with the reduction of grease usage are only a few.

New Advanced Ball Screw Design

UBE’s newly developed "Flex Servo" control is based on advanced control logic, therefore achieving a more reliable injection molding process that is both accurate and consistent.

Accurate and Consistent Injection Process Control "Flex Servo"

Distinguished Energy Saving
Reusing energy heat loss which occurs at servo motor’s deceleration provides you substantial energy saving.

Electric Power Safety Gate (Optional Item)
UBE UF Series all electric machines offer electric belt driven safety operator gates as an option.
When equipped with this option, the cycle time is improved, as well as, safe operating conditions.

Value Added Process Technologies (Optional Item)
UBE’s unique Value Added Technologies such as Cav-Change® & DIEPREST® can be easily added to UF series at any time.