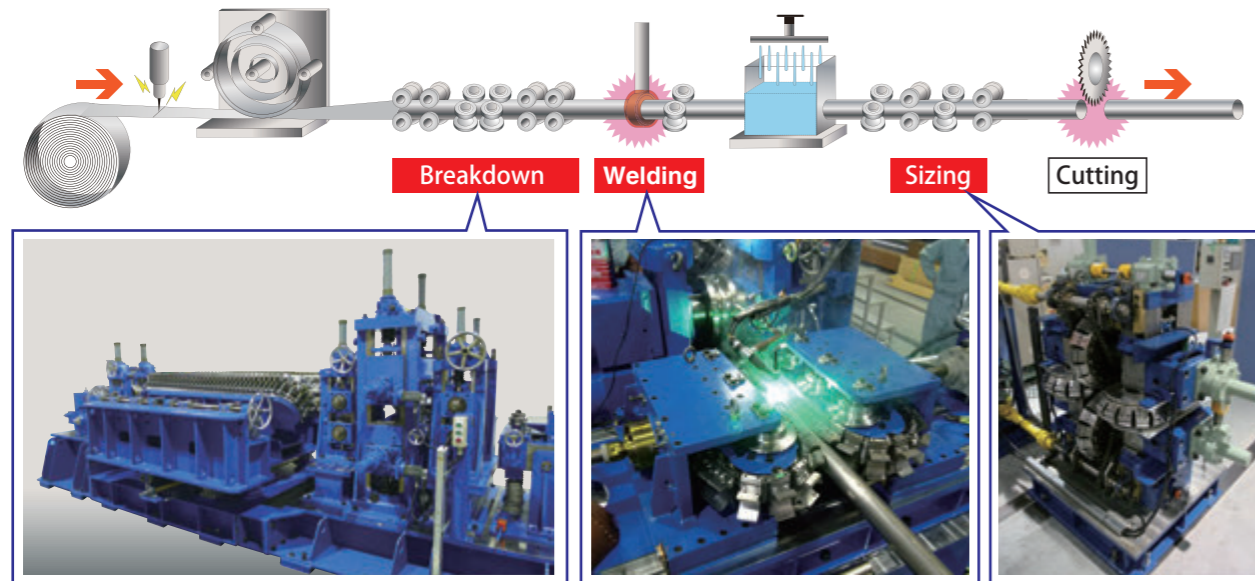


## Application of ODF Mill



## Experiment results

Excellent forming with wide range of common use even for the challenging materials.

No.	Size	Materials
1	φ45.0 × 0.4t	Cu alloy(C1220R-1/2H)
2	φ45.0 × 3.2t	Carbon steel(SPHC)
3	φ45.0 × 4.5t	Carbon steel(SPHC)
4	φ63.5 × 0.6t	Stainless steel(SUS304)
5	φ63.5 × 0.6t	Stainless steel(SUS430LX)
6	φ63.5 × 1.0t	Mg alloy
7	φ63.5 × 1.5t	Carbon steel(SPCC)
8	φ63.5 × 1.6t	Al alloy(5052R-H32)
9	φ63.5 × 3.2t	Carbon steel(SPHC)
10	φ114.3 × 0.5t	Stainless steel(SUS304-2B)
11	φ114.3 × 0.7t	Stainless steel(SUS304-2B)
12	φ114.3 × 3.0t	Al alloy
13	φ114.3 × 4.0t	Al alloy
14	φ63.5 × 1.0t	Ti (TP270)

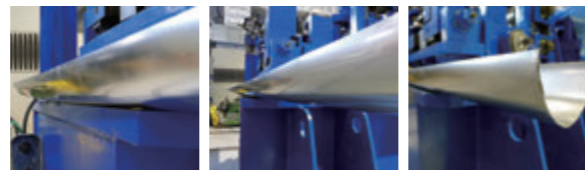
● Small D/t products (φ45×4.5t, D/t=10)



● Extra large D/t products (φ114.3×0.5t, D/t=228.6)



● Dry forming for various materials



Al-Alloy

SUS304

SUS430LX



Ti(TP270)

Ti(TP270)

Cu-Alloy



Features of new forming technology

# ODF MILL

— Orbital Die Forming —



ISO9001:2008 Certification

### NAKATA MFG. CO., LTD.

3-7-6 Tagawa, Yodogawa-ku, Osaka, 532-0027, Japan

Tel : +81-6-6303-1900 Fax : +81-6-6303-1905

E-mail: [sales@nakata-mfg.co.jp](mailto:sales@nakata-mfg.co.jp)

Website: <http://www.nakata-mfg.com>

# Φ NAKATA