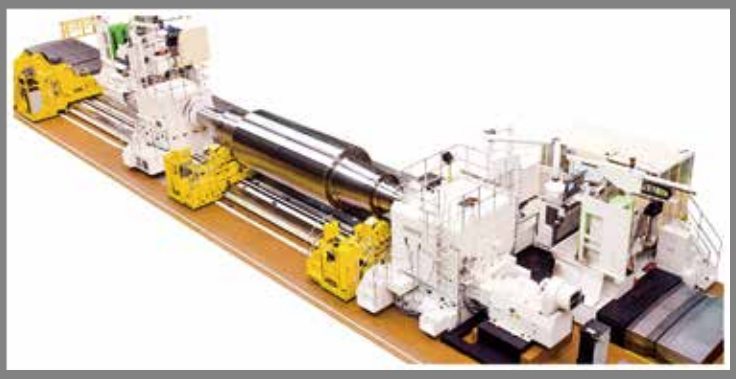
# 大型车床
# LARGE LATHE



大型/超大型车床
LARGE LATHE

轧辊车床
ROLL LATHE

双床身车床
TWO WAY BED LATHE

KARATS
株式会社 唐津精密机床
Karats Precision, Inc.

## 大型车床 LARGE LATHE

| 型号 MODEL | | | L-14N | L-16N | L-18N | L-20N | L-24N |
|---|---|---|---|---|---|---|---|
| 过床身回转 | Swing over bed | mm | 1,400 | 1,600 | 1,800 | 2,000 | 2,400 |
| 顶尖中心距 | Distance between centers | mm | 4,000～20,000 | 4,000～20,000 | 4,000～20,000 | 4,000～20,000 | 6,000～20,000 |
| 工件最大重量 | Max. weight of work | kg | 10,000 | 20,000 | 30,000 | 40,000 | 50,000 |
| 主电动机 | Main motor | AC/kW | 37 | 60 | 100 | 100 | 200 |

| 型号 MODEL | | | L-26N | L-28N | L-32N | L-36N | L-40N |
|---|---|---|---|---|---|---|---|
| 过床身回转 | Swing over bed | mm | 2,600 | 2,800 | 3,200 | 3,600 | 4,000 |
| 顶尖中心距 | Distance between centers | mm | 6,000～20,000 | 6,000～20,000 | 6,000～20,000 | 6,000～20,000 | 6,000～20,000 |
| 工件最大重量 | Max. weight of work | kg | 60,000 | 100,000 | 300,000 | 300,000 | 400,000 |
| 主电动机 | Main motor | AC/kW | 200 | 200 | 330 | 330 | 500 |

## 轧辊车床 ROLL LATHE

| 型号 MODEL | | | LR-8N | LR-9N | LR-11N | LR-13N | LR-15N | LR-18N | LR-20N |
|---|---|---|---|---|---|---|---|---|---|
| 过溜板回转 | Swing over carriage | mm | 800 | 900 | 1,100 | 1,300 | 1,500 | 1,800 | 2,000 |
| 顶尖中心距 | Distance between centers | mm | 3,000～ | 4,000～ | 4,000～ | 6,000～ | 6,000～ | 6,000～ | 6,000～ |
| 工件最大重量 | Max. weight of work | kg | 10,000 | 15,000 | 20,000 | 30,000 | 40,000 | 60,000 | 100,000 |
| 主电动机 | Main motor | AC/kW | 45 | 60 | 60 | 100 | 100 | 200 | 200 |

## 双床身车床 TWO WAY BED LATHE

| 型号 MODEL | | | LT-1 | LT-2 | LT-3 |
|---|---|---|---|---|---|
| 过床身回转 | Swing over bed | mm | 1200 | 1,600 | 2,200 |
| 顶尖中心距 | Distance between centers | mm | 3,000～ | 4,000～ | 4,000～ |
| 工件最大重量 | Max. weight of work | kg | 5,000 | 10,000 | 15,000 |
| 主电动机 | Main motor | AC/kW | 18.5/30 | 37/45 | 45/55 |

※产品介绍如有变更，恕不另行通知。
※Contents in this brochure are subject to modify without notice in case of machine improvement.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KARATS 株式会社 唐津精密机床
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2026. 10.

# 双床身车床 TWO WAY BED LATHE

## LT-1型 车床 LT-1 LATHE

用于中型轴类零件加工的车床，追求刚性、精度的持久性，
采用独特设计的双床身结构，刀架通过中心架时也不会发生干涉。

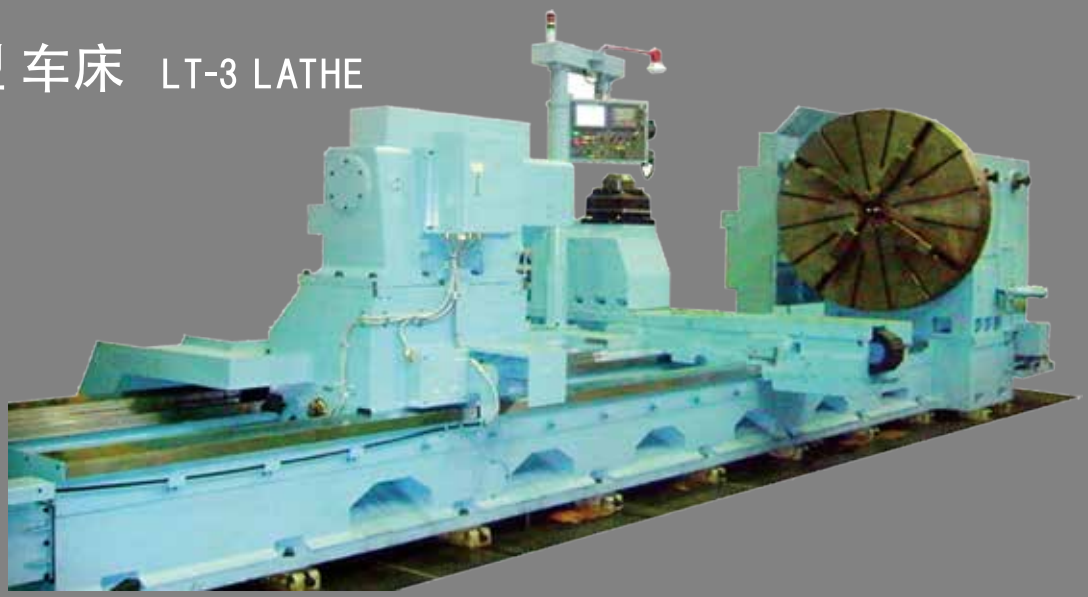
LT-1, a lathe for turning medium size shafts and rods, has two-way bed configuration,which allows a tool carriage run on the bedway through without colliding with the rest, and promises long standing stiffness, high precision and service life.

## LT-2型 车床 LT-2 LATHE

双床身构造实现紧凑性与便利性的车床，
具备加工各种轴类与轧辊所需要的刚性与通用性。

A Two Way Bed lathe provides solutions for floor area saving, and operation friendliness without losing its rigidity.

## LT-3型 车床 LT-3 LATHE

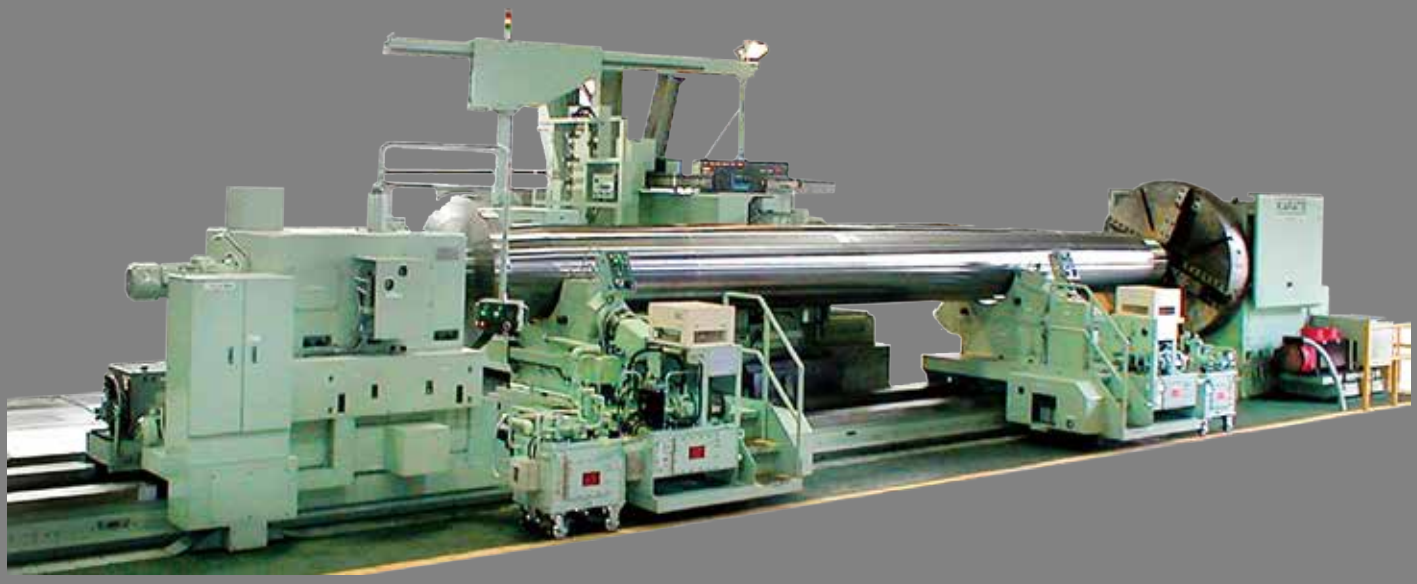


# 大型车床 LARGE LATHE

## L-26N 大型车床 L-26N LARGE LATHE

可高能效粗工、精工大径长尺寸轴类工件

High productive rough and finish turning of large shafts and rods



## L-28N 大型车床(2,700x6,000) L-28N LARGE LATHE

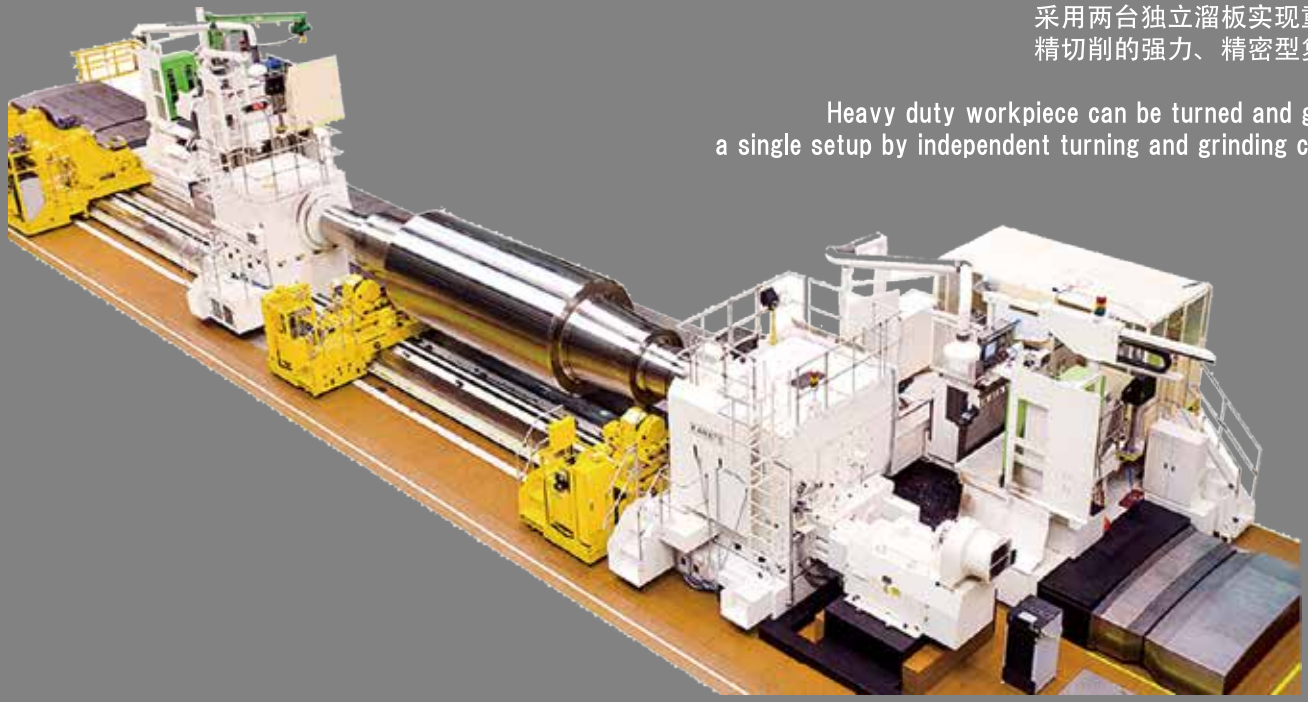
专用于涡轮盘加工的大型车床采用崭新的理念，
配置主轴箱、刀架台各两台，
涡轮盘内外加工时效实现飞跃性提高。

A special purpose large lathe
with two sets of headstock
and tool post is
designed exclusively
for turning turbine discs.
After finish turning one side
of the disc on one headstock,
the other headstock approaches,
chucks and moves to its
home position for turning the
other side of the disc,
where time consuming
rechucking time
is significantly reduced.

# L-35HN 大型车床(3,500x25,000)
## L-35HN LARGE LATHE

采用两台独立溜板实现重切削到
精切削的强力、精密型复合车床

Heavy duty workpiece can be turned and ground in
a single setup by independent turning and grinding carriages.



# L-36N 大型车床(3,500x12,000)
## L-36N LARGE LATHE

适用于加工汽轮机&发电机转子、
轧辊、船用轴等众多大型、超大型轴类的强力、
高精度车床，系列齐全。

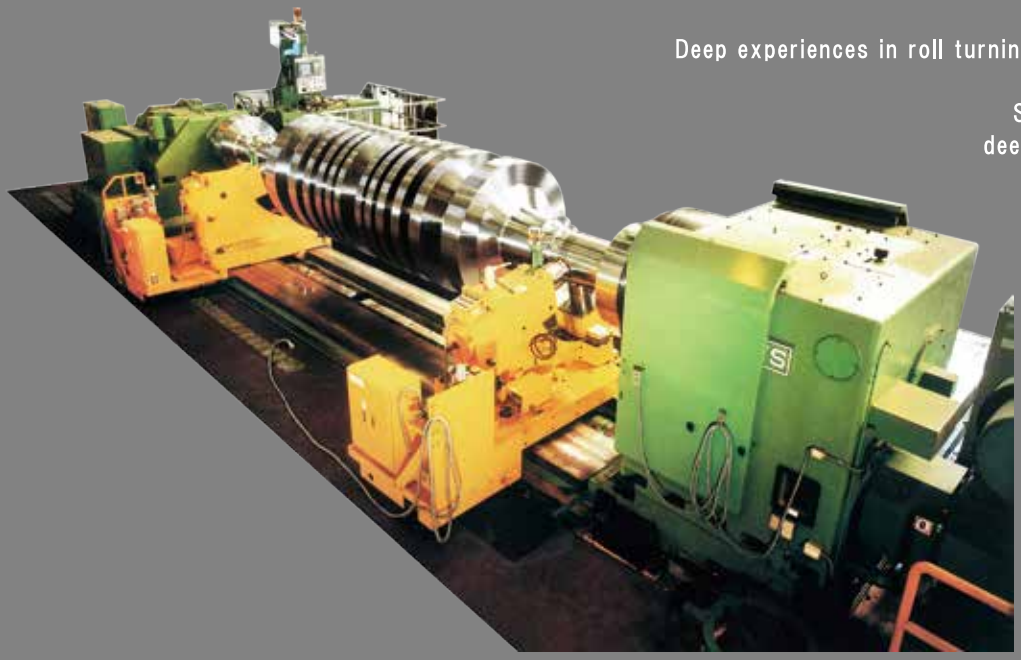
Wide variety of large and extra-large lathes
have been designed based on deep experience
in turning turbine rotor shafts,
generator rotor shafts,
mill rolls and large shafts
for ship building industry.
Good reputation has been enjoyed
for rigidity and high accuracy.

# 轧辊车床 ROLL LATHE

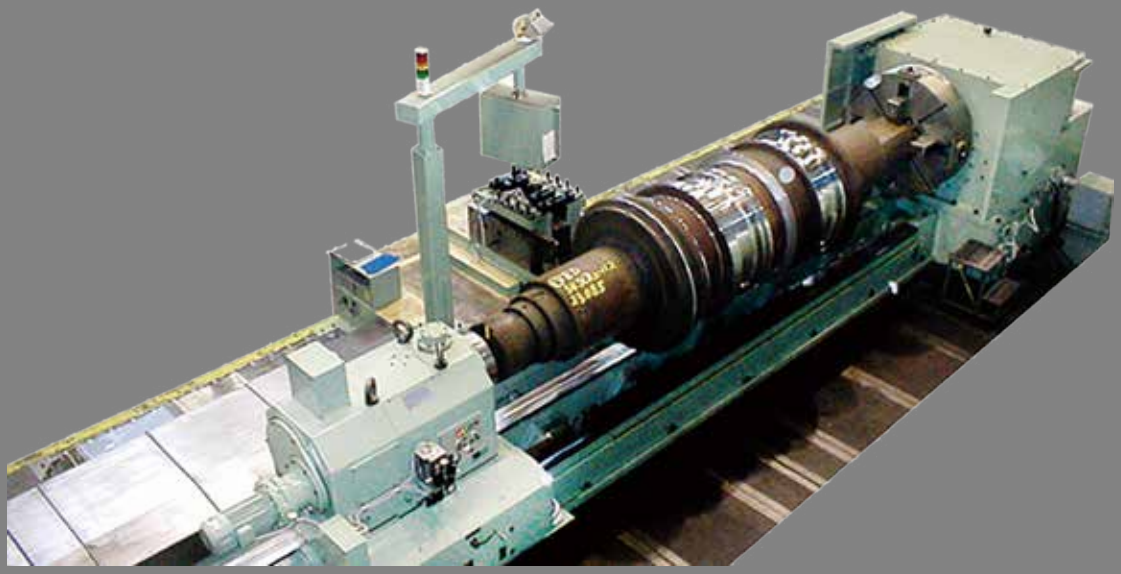
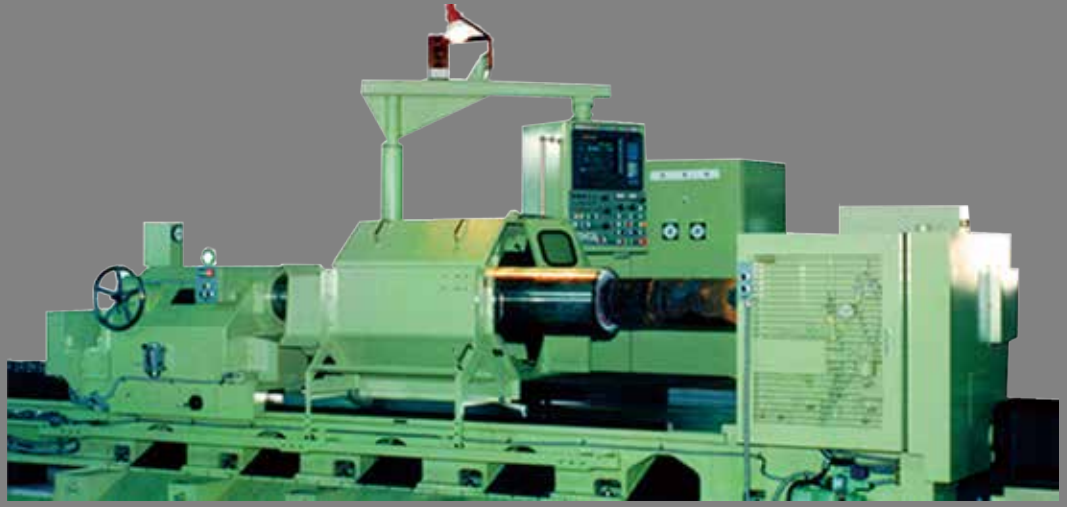
## LR-20HN 轧辊车床 LR-20HN ROLL LATHE

最适用于高硬度等轧辊
重切削加工的大型轧辊车床。

Deep experiences in roll turning has established a wide variety
of roll turning lathe series.
Solutions for heavy duty turning,
deep grooving, etc. are investigated
and presented to customers.



## LR-15N 轧辊车床 LR-15N ROLL LATHE



## LR-8N 轧辊车床 LR-8N ROLL LATHE