

MANUAL

LO-3550

LOW PROFILE, LIGHTWEIGHT, POWERFUL

FEATURES

- Super lightweight 8.7kg
- Compact size (230 x 316mm)
- Only needs 65mm web or flange width for drilling
- Designed to improve drilling in confined spaces and elevated locations
- Smart LED sensor technology
- Reversible feed handles
- Adjustable drilling position (10mm right / left & front / back)
- 35mm \varnothing capacity, through 50mm plate
- 6mm minimum plate thickness



DESIGNED FOR DRILLING IN CONFINED SPACES

Total Weight Just 8.7KG!!

Without sub handle. Great for elevated sites.

Ideal for H-beam work.

Can fit into places as narrow as 230mm if used without sub handle and coolant tank.

EASY TO USE

LED Switch Panel

On/off magnet and drill motor switches can be operated with one hand.

Light Operation

Fast revolution cutters making less cutting resistance.

Adjustable Positioning

Drilling position can be adjusted by 10mm on each axis.

TOP - LEVEL SAFETY

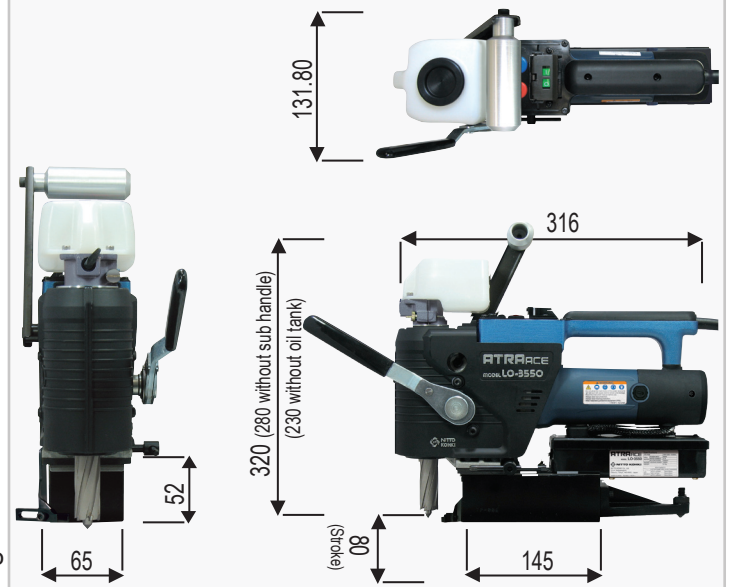
Load detector and Restart functions

If overload happens the drill motor automatically stops to prevent possible damage. The motor will restart if load is released.

HIBROACH CUTTERS

Nitto Kohki have developed a range of **HIBROACH** high quality high speed cutters to compliment its Atra Ace range. These cutters use the current 'One-Touch' shank which suits all Atra Ace models and most other brands. For use with the LO-3550 Hibroach cutters up to 22mm at 50mm depth can be used. For larger holes our Japanese made **JETBROACH** carbide tipped cutters are ideal.

Dimensions (mm)



Model No.	Power Source	No Load Speed	Hole Diameter	Plate Thickness	Magnet Holding Power	Weight
LO-3550	220~240V AC 50/60HZ	950rpm	12 - 35mm	6 - 50mm	561 kg/f	8.7kg

MAGNETIC BASE DRILL

Easy-to-use Switch Panel

- On/Off magnet and drill motor button are on the top panel and can be operated with one hand. Drilling can be checked by lamp colours.



LED load detector function



- LED LOAD DETECTOR
 - Illuminates BLUE when load is applied
- LED OVERLOAD
 - Illuminates RED when excess load is applied for more than 3 seconds

Adjustable and Reversible Feed Handle

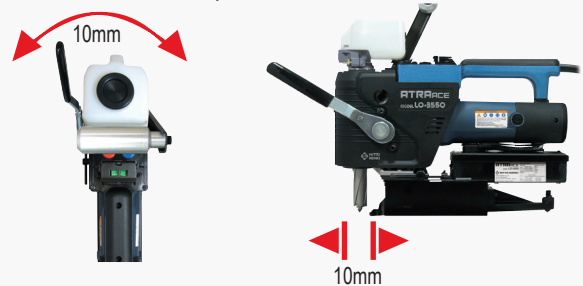
- Feed handle can be positioned on either side for ease of drilling and mounting in confined spaces.



- The feed handle can be adjusted and locked at varying angles to enhance productivity.

Easy Drilling Position Adjustment

- After engaging the magnet, the drill position can be adjusted up to 10mm on each axis and pivot 10mm side to side



Light Handle Operation

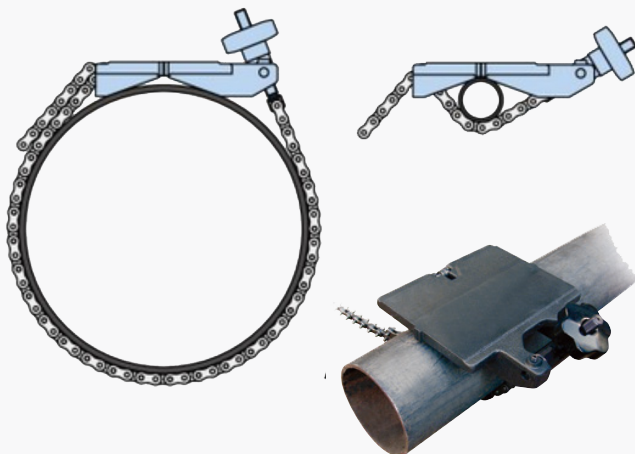
- Fast revolution of cutter makes less cutting resistance and smooth handling.



Pipe Attachment Assembly

- The Pipe Attachment Assy is an optional base to securely fasten the drill on pipes for drilling (Part No. TB07696).
- Suitable for LO-3550 when a 35mm or 50mm length One-Touch type Jetbroach cutter is used.

Example of installation on a pipe



- The chain can easily and securely fit around pipes having an outside diameter of 48.6mm to 318.5mm.

Optional Items

HIBROACH

- High Speed Steel One-Touch Type (25-50mm depth of cut)

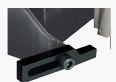
JETBROACH

- TCT Carbide Tipped Cutters (25mm, 35mm and 50mm depth of cut)

- Jet Oiler (Part No. TQ10581 can use with tube Part No. TB01098)



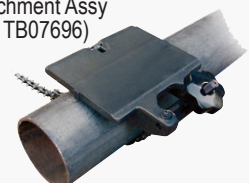
- Chip Breaker (Part No. TB07691)



- Lubrication Adaptor Assy (Part No. TB07306)



- Pipe Attachment Assy (Part No. TB07696)



KEY FEATURES



MACHINE TOOLS