



# INDUSTRIAL PRODUCTS

CUPLAS - AIR, FLUID & SAFETY

HOSES

AIR TOOLS

MAGNETIC DRILLS

PUNCHES

BEVELERS

LINEAR COMPRESSORS & VACUUM PUMPS



Sold and Serviced by





## INDUSTRIAL PRODUCTS

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*Whether you just glance through this booklet or give it an intensive reading, we are sure you'll agree that NITTO KOHKI's portable hydraulic and electric machines, couplers and pneumatic hand tools are among the finest precision engineered equipment to be found today.*

*Responding to the Diversified Needs of Users, we put to Active Use of our Technology and Experience developed over Many Years.*

### NITTO KOHKI CO., LTD

Stable supply of products is maintained while we are responding to sound ideas for high grade development. A lively program for interchanging personnels between the development and production departments demonstrates great strength in better working coordination by "crossing the bridge" between new ideas and industrial products.





## MAGNETIC BASED DRILLING MACHINES

# ATRA ACE

### Automatic Feed Atra Ace

#### WA-5000



- Superior 75mm deep hole drilling - automatically cuts holes from 14mmø - 50mmø
- Boosts productivity
- One-touch cutter replacement
- Powerful two speed drill motor 350/650 RPM
- Built-in lubrication system
- Built-in motion sensor prevents cutter breakage
- Supplied in carry case

*High-performance mechanism & high-tech components*

#### QA-6500



- Fully automatic drilling for increased productivity and reduced cost
- Features include load detection, step feed
- Cuts up to 65mmø thru 50mm plate

SPECIFICATIONS				
PART No.	HOLE CAPACITY DIAMETER	MAXIMUM THICKNESS	MAGNET HOLDING POWER	WEIGHT
WA-5000	14 - 50mm	75mm	1,000 kg/f	23 kg
QA-6500	14 - 65mm	50mm	1,000 kg/f	26 kg



### Manual Feed Atra Ace

#### WO-3200



**NEW!**

- New generation Magnetic base Drill helps meet productivity and safety goals
- Compact design with advanced safety system
- Cuts up to 32mmø thru 50mm plate
- Reversible feed handles
- Unique design allows easy conversion for use of twist drills up to 12mm diameter
- Supplied in carry case

#### AO-5575



- For smooth cutting of deep and large holes
- A real work horse
- Powerful two speed drill 350/650 RPM
- 1020 kg/f double rectangular magnet
- Cuts up to 55mmø thru 75mm plate
- Built-in coolant tank
- Load detector with 'Smart-Stop/Rapid Restart' technology
- Supplied in carry case

#### A-100



- Extra large, deep hole cutting
- Cuts 50mmø - 100mmø up to 75mm plate thickness
- Side-lock type cutter, 1¼" shank



SPECIFICATIONS				
PART No.	HOLE CAPACITY DIAMETER	MAXIMUM THICKNESS	MAGNET HOLDING POWER	WEIGHT
WO-3200	12 - 32mm	50mm	900 kg/f	13 kg
AO-5575	12 - 55mm	75mm	1,020 kg/f	18 kg
A-100	51 - 100mm	75mm	1,800 kg/f	50 kg



## ANNULAR CUTTERS - 'ONE-TOUCH'

For use on ATRA ACE Machines and Holders and all other Atra type machines

# AUSTBROACH®

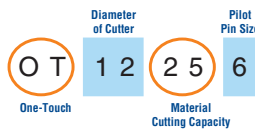


**SHORT SERIES**  
DxL - DIAM. 12 - 50 x 25MM (L)

HIGH SPEED STEEL CUTTERS

*Cutters for Faster & Better hole results*

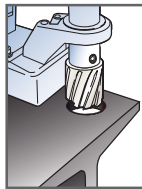
- Makes holes 3 times faster than twist drills
- They produce a semi-reamed accurate hole and provide single pass cutting with no pilot hole required



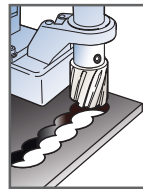
**LONG SERIES**  
DxL - DIAM. 12 - 50 x 50MM (L)

*For more detailed information request your copy of the latest AUSTBROACH & ATRA ACE Catalogue*

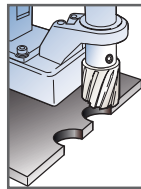
### Possible Applications



Cutting in H-beams

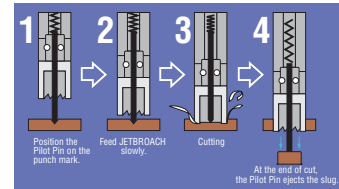


Overlapped cutting



Edge-hole cutting

### Hole Cutting Mechanism



# JETBROACH



TUNGSTEN CARBIDE TIP CUTTERS

*Cutters for Faster & Better hole results*

- Can be run at higher feed and speeds to produce excellent quality and accuracy of holes

DxL - DIAM. 18 - 35 x 35MM (L)

DxL - DIAM. 18 - 65 x 50MM (L)

DxL - DIAM. 18 - 55 x 75MM (L)



# ATRAACE

- For simplicity, our Atra Ace range uses one-touch cutters that require no tools for cutter replacement
  - They simply push in
- This provides a self-centering effect, which extends cutter life

## AUSTBROACH & JETBROACH HOLDERS

For use on Boring Machine spindles, lathes and Magnetic Drill stands



Combination of Holders and Cutters

JETBROACH HOLDER	CUTTER DIAMETER	UP TO 35MM THICK	UP TO 50MM THICK	UP TO 75MM THICK
BHM-02035 (M.T. No.2)	12-35mm	•		
BHM-03050 (M.T. No.3)	12-65mm	•	•	•
BHM-13075 (M.T. No.3)	50-100mm			•
BHM-14075 (M.T. No.4)	50-100mm			•



## MAGNETIC BASED DRILL STANDS

Atra Master are adaptable to suit a variety of drills on the market

**M-320**

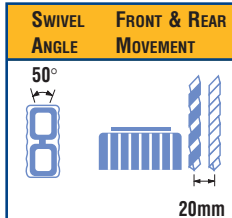


**M-250B**



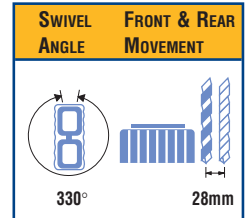
- Nitto Magnetic Drill Stands feature powerful, double-grip, rectangular magnets for secure holding
- Their hardened dovetail slides ensure right angle positioning with pin-point accuracy

**M-320**



SPECIFICATIONS				
PART NO.	DRILLING CAPACITY	STROKE	MAGNET HOLDING POWER	WEIGHT
M-320	32mm (steel)	280mm	1,800 kg/f	29 kg
M-250B	25mm (steel)	230mm	1,500 kg/f	25.5 kg

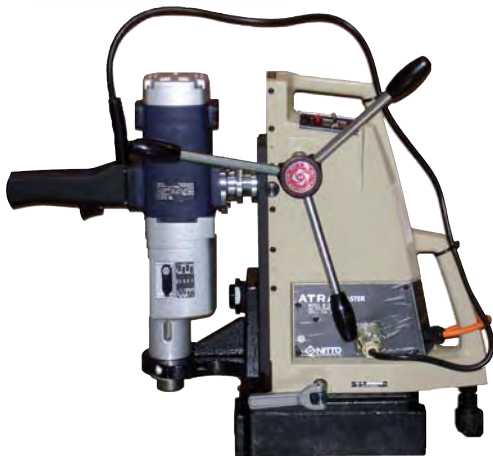
**M-250B**



## MAGNETIC BASED DRILL STANDS COMPLETE

Atra Master Stands with Drills

**M320 AEG**



**M250 Bosch**



**DRILLING CAPACITY:** 32mm  
**DRILL:** AEG B4-1050  
 3 Morse Taper  
**FREE SPEED:** 220, 250, 350, 420  
**LOAD SPEED:** 115, 160, 190, 260

**DRILLING CAPACITY:** 25mm (steel)  
**DRILL:** Bosch GBM23-2  
 2 Morse Taper  
**FREE SPEED:** 400/920 RPM  
**LOAD SPEED:** 280/640 RPM





## SELFER ACE HYDRAULIC PUNCHES

### Portable Double-Acting Hydraulic Punches

**HS11-1624**



**HS07-1624**



**HS06-1322**



- Applicable for both mild steel and stainless steel punching
- Auto return (automatic operation)
- Inching function (manual operation)
- Ideal for on-site punching
- Will punch both round and elongated holes
- Selfer Ace pump HPD-05 is required to operate units

SPECIFICATIONS					
PART No.	PUNCHING DIA. CAPACITY	MAX. PUNCHING THICKNESS MILD STEEL	MAX. PUNCHING THICKNESS STAINLESS	THROAT DEPTH	WEIGHT
HS11-1624	8 - 24mm	16mm	6mm	110mm	30.0 kg
HS07-1624	8 - 24mm	16mm	6mm	70mm	25.5 kg
HS06-1322	8 - 22mm	13mm	6mm	60mm	20.5 kg

## SELFER HYDRAULIC PUMP

### Double-Acting Hydraulic Pump

- Inching & auto return function
- Twin line hydraulics for speed and efficiency

SPECIFICATIONS			
PART No.	OUTPUT FLOW L/MIN		WEIGHT
	NO LOAD	LOAD	
HPD-05	1.44	0.66	32.5 kg

**HPD-05**



## ELECTRIC HYDRAULIC PUNCHES

### Handy Selfers

**E55-0619**



- Hydraulic pump and power motor combined in single body
- Designed for safety with input relieve valve
- Punches both round and elongated holes
- Maximum punching diameter 19mm thru 6mm flat plate, stainless steel and channel up to 125mm x 65mm
- 55mm throat depth

**E25-0615**



- Inbuilt hydraulic pump
- Shows it's power in working round or elongated holes in flat plate, stainless steel and channel up to 50mm
- 25mm throat depth

SPECIFICATIONS					
PART No.	PUNCHING CAPACITY	MAX. PUNCHING THICKNESS MILD STEEL	MAX. PUNCHING THICKNESS STAINLESS	THROAT DEPTH	WEIGHT
E55-0619	6 - 19mm	6mm	4mm	55mm	14 kg
E25-0615	4 - 15mm	6mm	4mm	25mm	7 kg

*Replacement punches and dies available*





## PORTABLE BEVELING TOOLS

### Electric

**MB-03A**



#### HANDY ELECTRIC BEVELING TOOL

- Compact and light for speed beveling
- Bevels from 0 - 3mm C
- Bevel angle of 45°
- Ideal tool for die and block work

*Compact portable models meet your versatile chamfering jobs!*

**HB-15B**



#### PORTABLE HAND BEVELING TOOL

- Bevel from 0 - 15mm C
- Ideal for beveling before welding
- Uses easy to replace super-solid cutting tips with 4 working edges for good economy
- Bevel angle is adjustable from 15° - 45°
- Tool is supported by work piece for easy operation

### Pneumatic

**CB-02**



#### PNEUMATIC RADIAL CHAMFERING TOOL

- Bevels either inner or outer edges
- Precisely adjust bevel dimensions with accessory gauge
- Bevels 0 - 2mm C

**AMB-0307**



#### PNEUMATIC CHAMFERING TOOL

- Applicable to stainless steel and mild steel beveling
- Bevels up to 7mm C in mild steel, 3mm C in stainless steel
- Beveling angle can be adjusted from 15° - 45°
- Simple to adjust beveling depth
- Super solid inserts with 4-sided blade
- Pipe outer edge can also be processed with standard accessories



SPECIFICATIONS				
PART No.	FREE SPEED	CHAMFERING CAPACITY	CHAMFER ANGLE	WEIGHT
MB-03A	7,100 RPM	0 - 3C	45°	2.5 kg
HB15B	2,750 RPM	0 - 15C	15° - 45°	15.0 kg
CB-02	13,000 RPM	0 - 2C	45°	1.8 kg
AMB-0307	14,000 RPM	0 - 7C Mild 0 - 3C S/Steel 2R, 3R & 4R	15° - 45°	2.9 kg



### Replacement Tips

PART No.	PART NAME	SALES UNIT	APPLICATION MODEL	PART No.	PART NAME	SALES UNIT	APPLICATION MODEL
TA9A093	Insert Tip 12.7	12pcs/set	HB-15B	TA9A386	Insert Tip 9.525	10pcs/set	MB-03A, CB-02
TB01159	Insert Tip 12.7	10pcs/set	AMB-0307	TA9A592	Insert Tip 9.525 R2	10pcs/set	MB-03A, CB-02
TB01791	Insert Tip R2	10pcs/set	AMB-0307	TA9A638	Insert Tip 9.525 R3	10pcs/set	MB-03A
TB01651	Insert Tip R3	10pcs/set	AMB-0307	TA9A728	Plate Assy for pipe	1 set	HB-15B
TB01790	Insert Tip R4	10pcs/set	AMB-0307	TA9A594	Inner Head Assy	1 pc	MB-03A



## DISC GRINDERS

### MYTON Air Angle Grinders

**MAG25B**



**58MM (2.5") DISC GRINDER**

- Ultra compact
- Light weight - 0.55kgs
- Ideal for grinding in restricted areas
- Silenced
- Double lock safety lever

**MAG40 AUST**



**100MM (4") DISC GRINDER**

- Powerful and robust
- Compact dimensions allow easy access in confined spaces
- Vibration proof grip
- Threaded spindle 10 x 1.5mm
- Silenced
- Double lock safety lever

**MAG50**



**125MM (5") DISC GRINDER**

- Powerful motor for fast and efficient grinding
- Rear exhaust system incorporating silencer
- Vibration dampening side handle
- Built-in governor and spindle lock
- Comfort grip
- Double lock safety lever

**MAG70**



**180MM (7") DISC GRINDER**

- Strong and durable
- Grinding wheel is visible from all working angles to improve safety
- Gears made of tempered steel for continuous grinding
- Silenced
- Double lock safety lever

SPECIFICATIONS					
PART No.	WHEEL DIAMETER	BORE	SPEED	INLET THREAD SIZE	WEIGHT
MAG25B	58mm	9.6mm	22,000 RPM	1/4"	0.55 kg
MAG40AUST	100mm	16mm	13,000 RPM	3/8"	1.4 kg
MAG50	125mm	22mm	12,000 RPM	3/8"	2.2 kg
MAG70	180mm	22mm	7,100 RPM	1/2"	3.4 kg

*A wide variety of models are available to a particular job!*



## DISC SANDERS

### MYTON Pneumatic Sanders

**MAS20B**



**MAX. 50MM (2") DISC SANDER**

- Uses one-touch disc pads
- Ideal for sanding in limited spaces
- Compact and powerful

**MAS40**



**100MM (4") DISC SANDER**

- High performance air sander that uses disc paper
- Light-weight and easily operated
- Has the advantages of great power and performance

SPECIFICATIONS					
PART No.	WHEEL DIAMETER	BORE	SPEED	INLET THREAD SIZE	WEIGHT
MAS20B	50mm	6mm collet	22,000 RPM	1/4"	0.5 kg
MAS40	100mm	16mm	13,000 RPM	1/4"	0.9 kg
MAS70	180mm	22mm	8,000 RPM	1/4"	1.9 kg

**MAS70**



**180MM (7") DISC SANDER**

- Ergonomic body design
- Variable speed roll throttle to adapt to various sanding applications
- Excellent sanding power for high material removal
- Supplied complete with heavy duty rubber sanding pad







## DIE GRINDERS

### AIR SONIC Pneumatic Die Grinders

**L-25**



- Designed for use with grinding stones
- Speed 27,500 rpm
- Equipped with a super efficient silenced rear exhaust system
- Double lock safety lever
- In-built speed regulator

**L-35**



- Specially designed for rotary bars
- Speed 37,500 rpm
- Super efficient silencer
- Rear exhaust system
- In-built speed regulator
- Double lock safety lever
- Double front bearing

**AL-55**



- Smooth rotation and stepless speed change for precision grinding
- High Speed Rotation 56,500 rpm
- Compact & light weight
- Triangular grip fits operator's hand
- Rear exhaust system



SPECIFICATIONS				
PART No.	COLLET SIZE	SPEED	INLET SIZE	WEIGHT
L-25 1/4	1/4"	27,000 RPM	1/4"	0.6 kg
L-25 6mm	6mm	27,000 RPM	1/4"	0.6 kg
L-35 1/4	1/4"	37,500 RPM	1/4"	0.45 kg
L-35 6mm	6mm	37,500 RPM	1/4"	0.45 kg
AL-55 1/8	1/8"	56,500 RPM	1/4"	0.25 kg
AL-55 3mm	3mm	56,500 RPM	1/4"	0.25 kg



## DRILLS

**ADR-65**



**ADR-100**



### COMPLETELY NEW DESIGN!

Remarkably reduced size and weight offers greater maneuverability.

- New generation reversible industrial drill
- Low vibration with comfort grip (0.8m/s<sup>2</sup>)
- In-built speed regulator
- Low noise levels - 80dB(A)
- Ergonomical design



*Variable speed adjustment*  
Turn the speed control nut to change the R.P.M.

**KDR-1301**



- KUKEN's 1/2" drill is compact and light weight for easy handling
- With a positive action trigger for speed control, it is ideal for general drilling

SPECIFICATIONS			
PART No.	FREE SPEED	MAX. DRILLING CAPACITY	WEIGHT
ADR-65	2,900 RPM	6.5mm	0.8 kg
ADR-100	2,000 RPM	10mm	1.1 kg
KDR-1301	700 RPM	13mm	2.52 kg





## NEEDLE SCALERS

**JET CHISEL** - Nitto Jet Chisels are the only units of its kind without internal springs!

### JEX-20



#### LOW VIBRATION TYPE

- Straight Type
- Adjusts automatically to any surface contour
- 3mm needles (2mm needles optional)
- Maximum performance

### JEX-24



#### UNIVERSAL TYPE

- Pistol Grip
- Square needle guide provides intense descaling
- 3mm needles (2mm needles optional)
- Delivers years of trouble free efficient operation

### JEX-28



#### HEAVY DUTY TYPE

- Pistol grip
- Cleans and descales all jobs fast
- Powered by a piston which produces no irregular power
- 3mm and 4mm needles supplied (2mm needles optional)

### JT-20



#### POPULAR TYPE

- Straight Type
- Durable, one-piece housing
- 3mm needles (2mm optional)
- Low air consumption
- Ideal for restricted areas

### JC-16



#### LIGHTWEIGHT TYPE

- Pistol Grip
- Lightweight - weighs only 1.4kgs
- 2mm needles

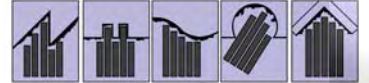
### AJC-16



#### SLIM TYPE

- Straight Type
- Ideal for restricted, narrow areas
- 3mm needles

Needle Contours



SPECIFICATIONS				
PART No.	STD NEEDLE SIZE (MM)	BLOWS PER MINUTE	INLET SIZE	WEIGHT
JEX-20	2, 3	4,000	3/8"	2.4 kg
JEX-24	2, 3	4,000	3/8"	2.7 kg
JEX-28	2, 3, 4	4,500	3/8"	3.5 kg
JT-20	2, 3	4,000	3/8"	2.4 kg
JC-16	2	4,000	3/8"	1.4 kg
AJC-16	3	6,000	3/8"	0.98 kg

### Replacement Needles

PART No.	PART NAME	QUANTITY
NP2X150S	Needles 2 x 150mm	100 pcs
NP3X180S	Needles 3 x 180mm	100 pcs
NP3X300S	Needles 3 x 300mm	50 pcs
NP4X180S	Needles 4 x 180mm	50 pcs
NP4X300S	Needles 4 x 300mm	50 pcs
NP4X500S	Needles 4 x 500mm	50 pcs

## HACKSAW

**SUPER SAW** Pneumatic Hand Drill

### SSW-110



SPECIFICATIONS			
PART No.	STROKE SPEED	STROKE	WEIGHT
SSW-110	7,000 RPM	11mm	0.62 kg

- Cutting capacity 3mm in mild steel
- Low vibration & longer piston stroke improves cutting speed
- Rear exhaust system for chip-scattering free operation
- Double safety lock lever
- 14, 18, 24, 32T saw blades available

## FINISHING FILE

**SUPER HAND** Portable Precision Finishing File

### ASH-800



SPECIFICATIONS			
PART No.	STROKE SPEED	STROKE	WEIGHT
ASH-800	6,500 RPM	8mm	0.52 kg

- Ultra-small, ultra-lightweight
- Weight reduced by half for comfortable operation over long period of time
- Super efficient in the filing of aluminium, glass, metal and wood





## CHISELLING & CHIPPING HAMMERS

### A-300



#### AUTO CHISEL

- Designed for speeding up the repair and sheet metal work of automobiles etc
- Enables hammering work in narrow spaces
- Durable and powerful action
- A wide variety of chisels available

### CH-24



#### AIR CHIPPER

- Straight design is suitable for narrow and deep applications
- Chisel lock retains chisels securely
- High strength piston allows trouble-free operation
- Straight, curved flat and flat chisels available

### ACH-16



#### AIR CHIPPER

- Compact and lightweight
- Easy to handle
- Low vibration structure, especially effective on continuous operation



SPECIFICATIONS				
PART No.	STROKE SPEED	CHISEL CHUCK/SHANK SIZE	INLET SIZE	WEIGHT
A-300	2,600 RPM	10mm	1/4"	1.7 kg
CH-24	4,000 RPM	12.7mm sq.	3/8"	1.7 kg
ACH-16	6,000 RPM	10.5mm	3/8"	0.9 kg



### S-250



#### SUPER KELEN SCALERS

- Unique scalers performs descaling and cleaning jobs quickly
- Ideal for various concrete applications
- 250mm and 1 metre extended handles for more versatility in performing hard to reach applications
- Wide range of chisels available including 38mm and 60mm scrapers

### S-1000



SPECIFICATIONS			
PART No.	HANDLE LENGTH	STROKE SPEED	WEIGHT
S-250	250mm	2,500 RPM	4.1 kg
S-1000	1000mm	2,500 RPM	6.1 kg

### Optional Chisels

A-300		
PART No.	PART NAME	
NPTP00573	No. 1002 Flat Chisel	
NPTP00575	No. 1004 Sheet Metal Chisel	
NPTP00589	No. 1018 38mm Scraper	
NPTP00590	No. 1019 60mm Scraper	

S-250 & S-1000		
PART No.	PART NAME	
NPTP03646	No. 2002 38mm Scraper	
NPTP04552	No. 2005 38mm Bent Scraper	
NPTP04554	No. 2007 60mm Bent Scraper	

CH-24		
PART No.	PART NAME	
NP15/IF	Straight Flat Chisel 12.7 x 165	
NP15/IW	Flat Chisel 25 x 155	
NP15/IB	Curved Flat Chisel 25 x 155	

ACH-16		
PART No.	PART NAME	
NPTQ03453	Curved Flat Chisel 20 x 120	
NPTQ03452	Flat Chisel 20 x 180	

Additional Chisels available





## BELT SANDERS

### BELTON Pneumatic Belt Sanders

**B-10B**



**10MM BELT SIZE**

- Rear exhaust system
- Ideal for narrow spaces
- Adjustable 360° rotation
- Double safety lock lever

**B-20C**



**20MM BELT SIZE**

- Rear exhaust system
- Suitable for sanding recessed corners and curved surfaces
- Adjustable 360° rotation
- Double safety lock lever

**B-30B**



**30MM BELT SIZE**

- Tracking of belts is positive and easy to adjust
- Rear exhaust system
- Ideal for rust removal, chamfering
- Double safety lock lever

SPECIFICATIONS					
PART No.	BELT SIZE	FREE SPEED	BELT SPEED (M/MIN)	INLET SIZE	WEIGHT
B-10B	10 x 330mm	17,000 RPM	1,060	1/4"	0.9 kg
B-20C	20 x 520mm	17,000 RPM	2,500	1/4"	1.4 kg
B-30B	30 x 540mm	14,000 RPM	1,800	1/4"	2.9 kg



## SANDERS

### Orbital Sander

**OSV-60A**



**150MM (6") ROUND PAD SANDER**

- Compact yet extremely powerful
- Built-in adjustable speed regulator
- Delivers a heavy duty performance with less vibration to reduce operator fatigue

### Palm Orbital Sander

**APS-150**



**PNEUMATIC COMPACT SANDER**

- Ergonomically designed for greater control and operator comfort
- Random orbital action produces a high quality swirl-free finish
- Adjustable speed
- Extremely low vibration
- 5mm orbit for fine sanding
- Dust extraction also available

### Line Sander

**LS-10**



**COMPACT RECIPROCATING SANDER**

- Sands to a clean finish
- Compact, lightweight and economical
- Built rugged for long continuous hours of operation



### Free Sanders

#### HANDY PNEUMATIC SANDERS

- Small and lightweight for comfort and convenience - fits the hand like a glove
- Turbine motor minimizes vibration
- Compact to permit working easily in corners and other tight spots
- Super fine finish

**FS-50A**



**FS-100C**



SPECIFICATIONS					
PART No.	SPEED	ORBIT DIAMETER	PAPER SIZE (MM)	INLET SIZE	WEIGHT
OSV-60A	8,500 RPM	10mm	150mm/6"	1/4"	2.0 kg
APS-150	10,000 RPM	5mm	150mm/6"	1/4"	0.72 kg
LS-10	4,000 RPM	4mm (stroke)	57 x 140	1/4"	0.75 kg
FS-50A	15,000 RPM	1.2mm	70 x 114	1/4"	0.5 kg
FS-100C	20,000 RPM	1.5mm	114 x 140	1/4"	0.5 kg



## ERGONOMICAL "N" TYPE

DESIGNED FOR HEAVY INDUSTRIAL AND MINING APPLICATIONS  
M16 - M50 BOLT CAPACITY

Kuken N Type Impact Wrenches feature -

- Innovative no hammer clutch system
- Excellent power, compactness and light-weight with very low vibration levels
- Low air consumption and noise levels
- Shift-on action ensures less damage to bolts and nuts
- Ergonomical design

Kuken Impact Wrenches for Underground Mining -

- All of Kuken N Type wrenches can be used underground (subject to state approvals)
- Can be stainless steel flow coated for use underground (subject to state approvals)

**KT-1600SPRO**

PISTOL GRIP



**KT-2000P**

PISTOL GRIP



**KT-2500PPRO**

PISTOL GRIP



**KT-2800P**

PISTOL GRIP



**KT-3800P**

PISTOL GRIP



**KT-3800GPRO**

D-HANDLE



**KT-4500P**

PISTOL GRIP



**KT-4500G**

D-HANDLE



**KT-5000G**

D-HANDLE



### SPECIFICATIONS

PART No.	SQUARE DRIVE	BOLT CAPACITY	MAX. TORQUE		SPEED (RPM)	INLET SIZE	WEIGHT (KG)
			(Nm)	(FT/LBS)			
KT1600S PRO	1/2"	16mm	490	360	8,000	1/4"	1.46
KT2000P	3/4"	20mm	850	610	5,000	1/4"	3.1
KT2500P PRO	3/4"	25mm	1150	880	4,500	1/4"	4.2
KT2800P	3/4"	28mm	1380	1000	3,300	1/4"	5.2
KT3800P	1"	38mm	1800	1300	3,700	3/8"	7.4
KT3800G PRO	1"	38mm	1800	1300	4,200	3/8"	6.4
KT4500P	1"	45mm	2750	1980	3,700	1/2"	10.3
KT4500G	1"	45mm	2750	1980	3,700	1/2"	10.7
KT5000G	1-1/2"	50mm	3500	2600	3,000	1/2"	16.0

## CONVENTIONAL HAMMER TYPE

IDEAL FOR ALL HEAVY DUTY APPLICATIONS  
in mining, truck and construction applications

- Deliver extra powerful performances and durability
- Well balanced for easy handling

**KT-18HP**

PISTOL GRIP



**KT-20P**

PISTOL GRIP



**KT-420G**

D-HANDLE



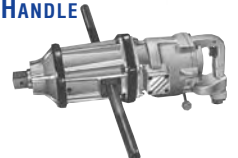
**KT-45F**

D-HANDLE



**KT-75F**

D-HANDLE



### SPECIFICATIONS

PART No.	SQUARE DRIVE	BOLT CAPACITY	MAX. TORQUE		SPEED (RPM)	INLET SIZE	WEIGHT (KG)
			(Nm)	(FT/LBS)			
KT18HP	1/2"	18mm	380	280	7,400	1/4"	2.5
KT20P	3/4"	20mm	700	480	4,500	1/4"	4.2
KT420G	1"	42mm	2900	2200	3,000	1/2"	13.1
KT45F	1-1/2"	45mm	2800	2100	2,800	1/2"	17.6
KT75F	1-1/2"	75mm	6100	4500	2,000	3/4"	38.1





## HI-CUPLA

An excellent general purpose Cupla for connecting factory air supply to pneumatic tool hose

- Important structural parts are hardened for added strength
- Extremely wear resistant and durable

# CUPLA™



### SOCKETS



MODEL	SIZE
<b>For Hose Connection (SH)</b>	
20SH	For 1/4" hose
30SH	For 3/8" hose
40SH	For 1/2" hose

MODEL	SIZE
<b>For Female Thread Connection (SM)</b>	
20SM	1/4" male
30SM	3/8" male
40SM	1/2" male

MODEL	SIZE
<b>For Male Thread Connection (SF)</b>	
20SF	1/4" female
30SF	3/8" female
40SF	1/2" female

### PLUGS

- Plugs are hardened and extremely wear resistant

Request your copy of the latest AIR CUPLA Catalogue



MODEL	SIZE
<b>For Hose Connection (PH)</b>	
20PH	For 1/4" hose
30PH	For 3/8" hose
40PH	For 1/2" hose

MODEL	SIZE
<b>For Female Thread Connection (PM)</b>	
20PM	1/4" male
30PM	3/8" male
40PM	1/2" male

MODEL	SIZE
<b>For Male Thread Connection (PF)</b>	
20PF	1/4" female
30PF	3/8" female
40PF	1/2" female

## HI-CUPLA 200 SERIES 'ONE-TOUCH'

Simple and secure one-touch connection

- Big flow rate
- Improves efficiency

### SOCKETS

All Nitto Cuplas are covered by a GLOBAL PRODUCT LIABILITY INSURANCE



MODEL	SIZE
<b>For Hose Connection (SH)</b>	
200-20SH	For 1/4" hose
200-30SH	For 3/8" hose
200-40SH	For 1/2" hose

MODEL	SIZE
<b>For Female Thread Connection (SM)</b>	
200-20SM	1/4" male
200-30SM	3/8" male
200-40SM	1/2" male

MODEL	SIZE
<b>For Male Thread Connection (SF)</b>	
200-20SF	1/4" female
200-30SF	3/8" female
200-40SF	1/2" female

# NITTO CUPLA™

## Experience with 3000 Series, 25000 types

NITTO KOHKI'S VAST EXPERIENCE, EXTENDING OVER THE DEVELOPMENT OF 3,000 SERIES AND 25,000 TYPES, IS BROUGHT TO LIFE IN A MULTITUDE OF PATENTED TECHNOLOGY.

- From general household use to high-tech industrial applications in oceanic and space development
- Diameters range from a tiny 2.5mm to a huge 540mm
  - Bodies of steel, brass, plastic, aluminium and stainless steel
  - "Cupla" is the world brand that answers all user needs in all industries

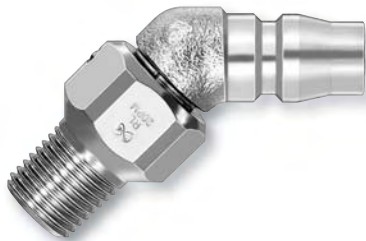
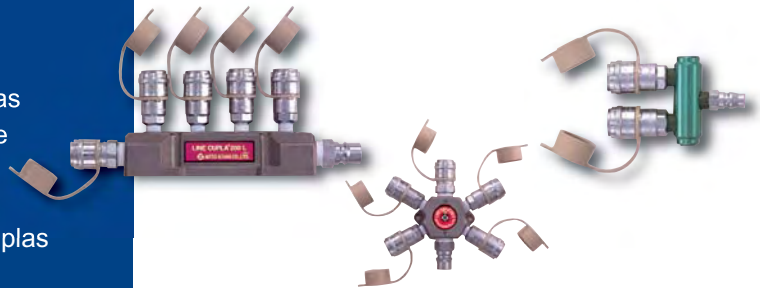




## CUPLA FITTINGS

### MANIFOLDS

- Simple branching air line Cuplas
- Enables several air lines to be taken simultaneously from one supply line!
- Gives speedy branching of Hi-Cuplas



### ROTARY PLUG

- Newly developed rotary function allows 360° rotation!
- Great improvement for working pneumatic tools

## FITTED HOSES

### CRIMPED HOSE ASSEMBLIES

- Air/water hose with distinctive yellow & blue striping - recognised by all as one of the best quality hoses available
- Crimped Fittings - eliminates hose clamps which can leak & snag
- Available in 10, 20 & 30 metre lengths



### POLYURETHANE SPIRAL HOSES

- Excellent flexibility
- Light weight
- Super memory retention
- Non-kinking
- Available in 2, 4, 6 and 8 metre working lengths

## SAFETY AIR COUPLINGS

### FULL-BLOW CUPLA

- Energy-saving design for new pneumatic system
- Up to about 40% increase in flow rate
- **SAFETY** Cupla - purges residual air pressure



# NITTO SAFETY AIR COUPLINGS

## PVR CUPLA

- For use on 1/2", 3/4" and 1" hose lines
  - Built-in lock mechanism
  - Purge function for **SAFETY**
    - Huge air flow
- Eliminates unpleasant noise and reaction on disconnection



## LOCK CUPLA 200

- One-touch for smooth connection
- Internal lock mechanism for **SAFETY**
- Prevents unexpected disconnection
- Low pressure loss valve mechanism gives improved flow rate



## PURGE PLUG

- Anti-Whip **SAFETY** Plug
- Unpleasant noise on disconnection of Cuplas and spring back on hose are prevented
- Can be used with reliability, even when the pressure is high or the hose is long



## AIR COMPRESSORS & VACUUM PUMPS



The linear motor driven free piston system is full of next-generation possibilities. Not only are they compact, quiet and vibration free, they also feature easy maintenance and a long operating life.

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