# **Hole Punching Range**



The HP-3 is a fully hydraulic hole puncher, made in Japan by Kamekura this precision manufactured tool will give a life time of reliable service to any tradesman requiring to penetrate holes in sheet metal, stainless steel & aluminium.

#### The HP-3 boasts the following features:

- Operation is simple, fast and easy
- Professional finish to work piece
- Portable unit with 10 ton output capacity

The HP-3 is a portable unit weighing only 4.5kgs with an out put performance at 10 ton capacity. A powerful and easy unit to operate which requires little effort and allows a professional finish on the job with no damage to finished painted products. The unit has been specially designed with a vast amount of accessories available. Cutting dies of all Kamekura manufactured products are made in Japan and are designed to the highest quality against wear and tear for long life under normal working conditions. Punch and dies provide strong resistance against wear, especially when working with stainless steel.

Round Punch & Die Set Size	Max. Thickness Mild Steel	Max. Thickness Stainless Steel
15 to 16mm	2.3mm	1.6mm
17 to 60mm	3.2mm	2.4mm
61 to 67mm	3.0mm	2.0mm
68 to 90mm	2.3mm	1.6mm
91 to 120mm	2.3mm	1.2mm



5/9A Lyell Street Mittagong NSW 2575 Australia T: +61 2 4871 2121 F: +61 2 4871 2020 E: info@stainelec.com.au

## <u>HP-3 KIT 1</u>

Comprising of; HP-3 Flexible Hose Hydraulic Hole Punch Body 6 round punch & die sets; 17.2, 20.2, 26 32.2, 39.1 & 51.8mm 2 piston shafts; HP-3 3/8 x 3/8 & HP-3 3/4 x 3/4 1 heavy duty steel carry case



### <u>HP-3 KIT 2</u>

Comprising of; HP-3 Flexible Hose Hydraulic Hole Punch Body 8 round punch & die sets; 17.2, 20.2, 26, 32.2, 39.1, 51.8, 64.5 & 76.2mm 2 piston shafts; HP-3 3/8 x 3/8 & HP-3 3/4 x 3/4 1 heavy duty steel carry case

## <u>HP-3 KIT 3</u>

Comprising of; HP-3 Flexible Hose Hydraulic Hole Punch Body 7 round punch & die sets; 16.3, 20.2, 22.5, 25, 32.2, 40 & 50mm 2 piston shafts; HP-3 3/8 x 3/8 & HP-3 3/4 x 3/4 1 heavy duty steel carry case

#### HP-3 KIT 4

Comprising of; HP-3 Flexible Hose Hydraulic Hole Punch Body 1 round punch & die set; 88.6mm 1 round 90mm swaging die 1 piston shaft; HP-3 3/4 x 3/4 1 heavy duty steel carry case

#### HP-3 hydraulic punch body

We offer an extensive range of punch and die sets. Round punch and die sets are fully machined from the highest quality tool steel (ISO) with 8 cutting sides and are hardened to 55 rockwell. Square punch and die sets are manufactured from the highest quality tool steel (ISO) by EDM machine centre and are also hardened to 55 rockwell.

Comprehensive range of punch & die sets available from 15mm through to 120mm.

Punching capacity for square punch and die sets: 1.6mm Stainless Steel, 2.4mm Mild Steel

NPPD 20 x 20	NPPD 48 x 48
NPPD 25 x 25	NPPD 50 x 50
NPPD 30 x 30	NPPD 68 x 68
NPPD 40 x 40	NPPD 92 x 92

NPPD 45 x 45

Rectangular sized dies available are NPPD 46 x 92 & NPPD 22.5 x 45

Non standard square and rectangular punch and die sets can be ordered, lead time for special die sets is approximately 3-4 weeks.



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