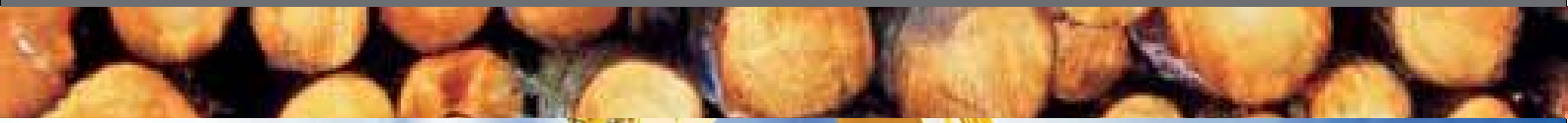




# GRAPPLES



# RANDALLS GRAPPLES

BUILT IN AUSTRALIA, BUILT TOUGH

GRAPPLE SELECTION RANGE



**.55IR22**

**.80IR22**

**1.3IR22**

**2.0IR22**

All our Grapples are fitted with Indexator Rotators from the GV series on the .36 models to the IR22 on the larger Grapples.

GRAPPLE SAW

.36 STANDARD

.36 HEAVY DUTY



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# .36 GRAPPLE

*Low profile design provides greater loading height, alloy steel construction allows low weight combined with high strength. Ideally suited to forwarders and small excavators.*

- Pins are induction hardened
- All pivot points bushed
- Heavy duty cylinder fitted with cushioning
- Strong body construction
- All replaceable structure
- All pivot points fitted with greasers
- High clamping force
- Universal rotator mounting point fast action
- Alloy steel construction
- Incorporating the full range of Indexator Rotator or can be used with other rotators
- See Indexator Rotator brochure for Rotator Technical Data
- Grapple saw available on .36 model



|   |                                     |                                    |
|---|-------------------------------------|------------------------------------|
| RECOMMENDED WORKING PRESSURE  | <b>230 BAR</b>                      |                                    |
| RECOMMENDED OIL FLOW  | GRAPPLE FUNCTION<br><b>110L/min</b> | ROTATOR FUNCTION<br><b>35L/min</b> |
| WEIGHT  | <b>STANDARD</b><br>278 KG           | <b>HEAVY DUTY</b><br>378 KG        |
|     | GRIPPING AREA PRACTICAL             |                                    |
|   | <b>.36m<sup>2</sup></b>             |                                    |
|    | MAX GRIPPING WIDTH                  |                                    |
|   | <b>1540mm</b>                       |                                    |
|   | MIN GRIPPING DIAMETER               |                                    |
|   | <b>120mm</b>                        |                                    |
|   | MAX WIDTH                           |                                    |
|   | <b>530mm</b>                        |                                    |
|   | HEIGHT                              |                                    |
|   | <b>920mm</b>                        |                                    |
|  | <b>1100mm</b>                       |                                    |



# .55IR22

*Low profile design provides greater loading height. Alloy steel construction allows low weight combined with high strength. Ideally suited to 20-30 tonne class carrier.*

*Our grapples are heavy duty models to cater for all replacements on Knuckleboom loaders and as new equipment to excavators. Rotator and boom links are also available.*

- Pins are induction hardened
- All pivot points bushed
- Heavy duty cylinder fitted
- Strong body construction
- All replaceable structure
- All pivot points fitted with greasers
- High clamping force
- Fast action
- Alloy steel construction
- Incorporating an IR22 Indexator Rotator – load capacity 15,000kg
- See Indexator Rotator brochure for Rotator Technical Data



|  |   |
|--|---|
| RECOMMENDED WORKING PRESSURE   | <b>230 BAR</b>  |
| RECOMMENDED OIL FLOW   | GRAPPLE FUNCTION <b>130L/min</b><br>ROTATOR FUNCTION <b>35L/min</b> |
| WEIGHT   | <b>830 KG</b>   |
|    | GRIPPING AREA PRACTICAL<br><b>.55m<sup>2</sup></b>                  |
|   | MAX GRIPPING WIDTH<br><b>2000mm</b>                                 |
|  | MIN GRIPPING DIAMETER<br><b>150mm</b>                               |
|  | MAX WIDTH<br><b>700mm</b>   |
|  | HEIGHT<br><b>1350mm</b><br><b>1500mm</b>                            |



# .80IR22




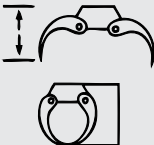
**Low profile design provides greater loading height. Alloy steel construction allows low weight combined with high strength. Ideally suited to 20-30 tonne class carrier.**

**Our grapples are heavy duty models to cater for all replacements on Knuckleboom loaders and as new equipment to excavators.**

**Rotator and boom links are also available.**

- Pins are induction hardened
- All pivot points bushed
- Heavy duty cylinder fitted
- Strong body construction
- All replaceable structure
- All pivot points fitted with greasers
- High clamping force
- Fast action
- Alloy steel construction
- Incorporating an IR22 Indexator Rotator
- See Indexator Rotator brochure for Rotator Technical Data



|  |   |
|--|---|
| RECOMMENDED WORKING PRESSURE   | <b>230 BAR</b>  |
| RECOMMENDED OIL FLOW   | GRAPPLE FUNCTION <b>150L/min</b><br>ROTATOR FUNCTION <b>35L/min</b> |
| WEIGHT   | <b>980 KG</b>   |
|    | GRIPPING AREA PRACTICAL<br><b>.80m<sup>2</sup></b>                  |
|   | MAX GRIPPING WIDTH<br><b>2000mm</b>                                 |
|  | MIN GRIPPING DIAMETER<br><b>150mm</b>                               |
|  | MAX WIDTH<br><b>800mm</b>   |
|  | HEIGHT<br><b>1840mm</b><br><b>1900mm</b>                            |



# 1.3IR22

**Low profile design provides greater loading height. Alloy steel construction allows low weight combined with high strength. Ideally suited to 25-30 tonne class carrier.**

**Our grapples are heavy duty models to cater for all replacements on Knuckleboom loaders and as new equipment to excavators.**

**Rotator and boom links are also available.**

- Pins are induction hardened
- All pivot points bushed
- Heavy duty cylinder 5.5 inch bore
- Strong body construction
- All replaceable structure
- All pivot points fitted with greasers
- High clamping force
- Fast action
- Alloy steel construction
- Incorporating an IR22X Indexator Rotator
- See Indexator Rotator brochure for Rotator Technical Data



|  |   |
|--|---|
| RECOMMENDED WORKING PRESSURE   | <b>230 BAR</b>  |
| RECOMMENDED OIL FLOW   | GRAPPLE FUNCTION <b>200L/min</b><br>ROTATOR FUNCTION <b>35L/min</b> |
| WEIGHT   | <b>1400 KG</b>  |
|    | GRIPPING AREA PRACTICAL<br><b>1.3m<sup>2</sup></b>                  |
|   | MAX GRIPPING WIDTH<br><b>2450mm</b>                                 |
|  | MIN GRIPPING DIAMETER<br><b>250mm</b>                               |
|  | MAX WIDTH<br><b>830mm</b>   |
|  | HEIGHT<br><b>2000mm</b><br><b>2100mm</b>                            |



**2.0M<sup>2</sup>**

***Low profile design provides greater loading height, alloy steel construction allows low weight combined with high strength. Ideally suited to 30 tonne plus class carrier.***

***Our grapples are heavy duty models to cater for all replacements on Knuckleboom loaders and as new equipment to excavators. Rotator and boom links are also available.***

- Pins are induction hardened
- All pivot points bushed
- Heavy duty cylinder 6 inch bore
- Stronger body construction
- All replaceable structure
- All pivot points fitted with greasers
- High clamping force
- Fast action
- Alloy steel construction
- Incorporating an IR22X Indexator Rotator
- See Indexator rotator brochure for Rotator Technical Data



|  |   |
|--|---|
| RECOMMENDED WORKING PRESSURE   | <b>230 BAR</b>  |
| RECOMMENDED OIL FLOW   | GRAPPLE FUNCTION <b>220L/min</b><br>ROTATOR FUNCTION <b>35L/min</b> |
| WEIGHT   | <b>2300 KG</b>  |
|    | GRIPPING AREA PRACTICAL<br><b>2.0m<sup>2</sup></b>                  |
|   | MAX GRIPPING WIDTH<br><b>2850mm</b>                                 |
|  | MIN GRIPPING DIAMETER<br><b>200mm</b>                               |
|  | MAX WIDTH<br><b>950mm</b>   |
|  | HEIGHT<br><b>2700mm</b><br><b>2700mm</b>                            |







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**DEALER:**