

**"Safety is  
a cheap  
and effective  
Insurance  
policy "**

-Author Unknown-

**YOUR FAMILY!  
NEEDS YOU!**

"Success means little when someone is injured"



**RAAH SAFETY**

Specialised Safety Products

## PALLET LIFTER

- **Challenge** : Pallets required to be transferred and HSE team felt that more could be done to make Pallets movements safe for worker, especially at such heights.
- **Solution** : RAAH International designed its own brand of Pallet Lifters, Pallet Bars and an Assembly kit that allowed for safe movement of pallets.
- **Comment from the Client** :  
'Excellent source of a safer way to move pallet dynamic lifts from work boats to rigs' 'RAAH Pallet Cage is a much safer way to move pallets besides standard pallet forks'

## FINGERSAVER

- **Challenge** : An incident that crushed the fingers of a worker on site in Singapore early 2018 a Drilling Company re-looked at the measures put in place to prevent such an injury. They found the current mitigating tools insufficient.
- **Solution** : RAAH proposed that Fingersaver be used to implement a full hand free policy when dealing with any action of hammering on-site. Fingersaver together with their existing safety equipments provided a more comprehensive safety gear. They purchased 250 pieces of Fingersaver for their use.
- **Comment from the Client** :  
The client mentioned that there has been "no hand and finger safety related injuries ever since" and that our "FingerSaver and Stiffy tools have definitely prevented injuries". Asked to rate our tools, they gave us 10/10 without hesitation.

## STIFFY

- **Challenge** : A land drilling rig operations in Indonesia implemented a hands free policy. However, when directing suspended loads, workers used the traditional methods and it was against the hands free policy
- **Solution** : PT RAAH International Indonesia proposed a solution to use the push pull tool to avoid any hands contact with the suspended load. However, workers were not sure how to use the equipment on-site. RAAH designed pictorial posters to help the workers use the tool correctly and effectively.
- **Comment from the Client** :  
HSE Manager's comment: 'Simple use and yet helps to prevent hands contact with the material thus assuring no injuries. Workers use it easily as it is a easy application to use' A barge captian's comment: 'It is designed very well. Robust and functional with hook for grabbing and wide tip for pushing.'

# CONTENTS

**RAAH Safety offers Specialised Safety Solutions for clients in the Oil and Gas Industry, Petrochemical and Refineries, Marine and Shipbuilding, Manufacturing, Engineering, Mining, Construction and Aviation industries.**

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# PALLET LIFTING BARS

## IBC & PALLET LIFTER



The RaahSafety IBC and Pallet Lifter model **#IBC012**

IBC and Pallet Lifter has been designed to safely lift a complete IBC container or a pallet using a crane. More secure method compared to fork pallet lifter.

### Includes:

- Spreader Beam
- Chain and Fittings
- Connector
- Safety hooks
- Weight - 100kgss
- WLL - 2 Tons

## PALLET LIFTING BARS

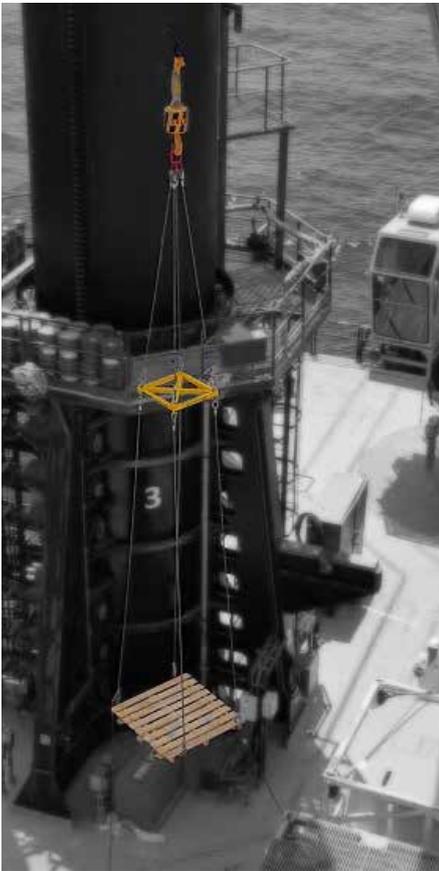


The RaahSafety Pallet lifting bars model **#PB011** Designed to use via multi leg slings - chains assembly. These bars fit precisely into the pallets & hook design to secure them and keep the bars apart.

The minimum distance between the two bars mounted should be 900mm. The loads to be distributed centrally and evenly on both bars.

### Features:

- WLL 2 Tons per pair
- End hook to keep bars separated and secure. Bars must be atleast 900mm apart
- Can be used on variety of standard size pallets
- Weight 24 kgs per pair
- Dimensions 1250mm length



## PALLET BAR ASSEMBLY KIT

Give you palletised cargo a " lift " using our Pallet lifting bars complete with assembly kit.

The RaahSafety Pallet Bar Assembly Kit model # PBAK014

The PBAK014 is an add on to our PB011 Pallet lifting bars. Along with the lifting bars, is the complete assembly kit, made up of wire rope, hooks and fittings and square spreader.

This full set is direct ready to use to fix on your palletised cargo and lift with overhead cranes.

\*We can customise as per your requirements.

## PALLET CAGES

RaahSafety Pallet Cages with SWL 2.5 Tons for carrying heavy loads from material boat vessels to offshore rig platforms

Pallet lifting cages for - Safely move cargo from Work Boats to Rigs. Lifting pallets from marine work vessels - safely and efficiently. Customised sizes as per requirement available.

Heavy Duty Pallet cage capacity = SWL 2.5 Tonnes

Lift palletised cargo and cargo in Tote Crates

Size - 1370mm x 1370mm x 1400mm

Open Top and Open Bottom

type cages as per their requirement, for easy and fast placement over palletised cargo. No Side Doors

Specifically designed : easy to install and lockable bottom lifting bars.

Comes with Load Test Certificate. Tested at 3 Tonnes



# MANUAL HANDLING LIFTING SLING

## LIFT ASSIST CHOKE VALVE SLING



- Rating – 50kg WLL
- Minimum Breaking Load – 500kg
- Factor of Safety: In excess 10:1
- Webbing Belt Strap – 25mm simplex polyester webbing
- Certification: CE Marked, Safe Use Instruction Sheet

## LIFT ASSIST DOUBLE HANDLE



- Rating – 100kg WLL
- Minimum Breaking Load – 1000kg
- Factor of Safety: In excess 10:1
- Webbing Belt Strap – 50mm simplex x 1500mm long as standard
- Certification: CE Marked, Safe Use Instruction Sheet

PRODUCT CODE	DESCRIPTION
RSS-C100	LIFT ASSIST CHOKE VALVE SLING - 2" CHOKE VALVE STROP
RSS-D100	LIFT ASSIST DOUBLE HANDLE - MANUAL HANDLING AID
RSS-S100	LIFT ASSIST SINGLE HANDLE - MANUAL HANDLING AID

## LIFT ASSIST SINGLE HANDLE



- Rating – 75kg WLL
- Minimum Breaking Load – 750kg
- Factor of Safety: In excess 10:1
- Webbing Belt Strap – 50mm simplex x 900mm long as standard
- Certification: CE Marked, Safe Use Instruction Sheet



# RAAH SAFETY STIFFY PUSH POLE

## 100% MADE IN USA

**ADOPTED BY ALMOST ALL MAJOR OIL & GAS INDUSTRY COMPANIES WORLDWIDE**

The RAAH Safety Hand Safety Tool™ gives operators a way to mitigate risk by equipping and training workers to not place themselves in danger by working in an unsafe proximity to hazardous suspended loads. RAAH Safety Push Pull Pole Safety Tool for Manouvering & Guiding Suspended loads and Snagging Taglines.



PRODUCT CODE	DESCRIPTION	SIZE
SHH-21	21" Handy Hook	21
SHT2-42	42" TYPE 2 with push-pull tool head w/handle	42
SHT2-50	50" TYPE 2 with push-pull tool head w/handle	50
SHT2-72	72" TYPE 2 with push-pull tool head w/handle	72
SHT2-42HD	42" TYPE 2 Heavy Duty Tool w/handle	42
SHT2-50HD	50" TYPE 2 Heavy Duty Tool w/handle	50
SHT2-72HD	72" TYPE 2 Heavy Duty Tool w/handle	72
SHT3-42	42" TYPE 3 with push-pull tool head w/tapped end	42
SHT3-50	50" TYPE 3 with push-pull tool head w/tapped end	50
SHT3-72	72" TYPE 3 with push-pull tool head w/tapped end	72

**HANDS FREE SAFETY LIFTING**



# OFFSHORE HANDLING TOOLS

## Drill Pipe Connection



- The patented design of this unique tool finally provides companies with a solution to this notoriously hazardous activity by supplying a solution that removes the need for hand to pipe contact while still allowing precision and control.

- It allows the handlers to keep hands clear of potential pinch point areas.

- It gives the driller a better overall visual of the connection, thus reducing the possibility of tread damage.

- The inner radius of the device is fitted with a rubber seal that is used for the wipe down of drilling fluid when pulling out of the hole.

- When used correctly and in conjunction with other forms of PPE, this tool can also greatly reduce the handlers exposure to harmful drilling fluids.

## Drill Pipe Handling



The movement of suspended drill pipe is a high risk area.

The Pipe Handling Tool complements the use of tag lines by providing exceptional control of the load and flexibility to the handler in the movement and landing of up to 5 7/8 inch pipe.

Provides excellent support in confined space usage.

Provides excellent support in confined space usage.

## Drill Pipe Set Back



The movement of large single pipes or bundles of drill pipe can be better controlled with the use of this tool. Its arc shape profile is ideally suited to the movement of larger piping while allowing the handler to be at a safe distance. The tool is also fitted with a tag line retrieving hook. An extremely effective tool for promoting hands free policy in difficult operations such as casing jobs and bringing on of drill pipe.

The movement of large single pipes or bundles of drill pipe can be better controlled with the use of this tool. Its arc shape profile is ideally suited to the movement of larger piping while allowing the handler to be at a safe distance. The tool is also fitted with a tag line retrieving hook. An extremely effective tool for promoting hands free policy in difficult operations such as casing jobs and bringing on of drill pipe.

### Drill Pipe Multi Handling



For use in the movement of suspended drill pipe, drill tools, fishing tools, BHA, pup joints, slick line operations and workovers. Also, suitable for the handling of hoses and take on bulk hose lines. The Drill Pipe Multi Handling Tool perfectly complements the existing use of taglines by providing exceptional control of the load and flexibility to the handler in the movement and landing of Drill pipe. Extremely useful tool in the work shop repair and manufacturing facilities where close contact and control is required such as loading tooling machines and test bays.

### C Type 10" Pipe Handling



For use in the movement of suspended larger pipe, drill tools, bulk hoses and BOP service lines, the 10" PRO Pipe Handling Tool perfectly complements the existing use of taglines by providing exceptional control of the load and flexibility to the handler in the movement and landing of large diameter pipe.

### Pipe Wipe Pro



For use in the movement of suspended larger pipe, drill tools, bulk hoses and BOP service lines, the 10" PRO Pipe Handling Tool perfectly complements the existing use of taglines by providing exceptional control of the load and flexibility to the handler in the movement and landing of large diameter pipe.

# SNARE TOOL FOR TUBULARS AND PIPES

## STIFFY SNARE TOOL



STIFFY SNARE TOOL continues to set the bar in assisting operators in providing safer working conditions. After years of extensive R&D, STIFFY has brought to the market the first

**NEW TOOL designed to save fingers, hands, & arms by avoiding pinch points & crush points allowing you to control tubular & suspended loads.**

### Technical Information :

PRODUCT CODE	DESCRIPTION	SIZE
SSTDR-36	36" Aluminum Dual Release Snare Tool	36"
SSTDR-48	48" Aluminum Dual Release Snare Tool	48"
SSTDR-60	60" Aluminum Dual Release Snare Tool	60"
SST-24	24" Aluminum Single Release Snare Tool	24"
SST-36	36" Aluminum Single Release Snare Tool	36"
SST-48	48" Aluminum Single Release Snare Tool	48"
SST-60	60" Aluminum Single Release Snare Tool	60"



# MAGNETIC STICK TAGLINE AND PULLING TOOL

## Safe T Stik



Safely guide and position objects such as road plate, trench plate, shoring, beams, poles, pipe and other heavy steel components with precision and total control.

- **Lenght** : Fixed 5'
- **Weight** : 5 LBS
- **Handle** : Adjustable
- **Grip Force** : 400 LBS
- **Package Weight**: 7 LBS
- **Package Size** : 61" X 5" X 5"

## Safe T Stik XL



The adjustable Safe-T-Stik gives a worker more options and more distance without sacrificing any ability to control heavy steel being hoisted into or out of position.

- **Lenght** : Adjustable 5', 6.5' and 8'
- **Weight** : 7 LBS
- **Handle** : Adjustable
- **Grip Force** : 400 LBS
- **Package Weight** : 9.5 LBS
- **Package Size** : 61" X 5" X 5"

## Safe T Stik MINI



Designed to quickly and easily pull up in ground water valve covers, lids and grates. Reduce the risk of injury and improve efficiency on the job.

- **Lenght** : Fixed 30"
- **Weight** : 4 LBS
- **Handle** : Fixed
- **Lifting Force** : 400 LBS
- **Package Weight** : 5 LBS
- **Package Size** : 32" X 12" 6"

PRODUCT CODE	DESCRIPTION
Safe-T-Stik	Safe-T-Stik (fixed length)
Safe-T-Stik XL	Safe-T-Stik XL (extendable)
Safe-T-Stik Mini	Safe-T-Stik Mini (lifting and pulling)

## ANTI - TANGLE TAGLINE



- Made from Dynlce SK 75 16mm with 8mm over-braiding (24mm)
- Weaved Over Braided cover to prevent abrasion
- Colour Coded Eyes and triple action karabiner with captive pin
- Specifically designed in conjunction with Major Drilling Contractor for the desired application
- Tangle resistant
- Designed not to catch on pinch points
- No knots
- High visibility yellow outer braid

Available in four sizes : **15ft** , **25ft** , **35ft** and **45ft**

## RETRACTABLE TAGLINES

### TAGATTACH RETRACTABLE



Tagattach Retractable safety tagline system. The tagline that stays in your hand. **Fifteen metres (49ft) in length**

- Fully Retractable
- Total Lift Control
- Anti-Tangle
- Anti-Knot
- Anti-Slip
- Lightweight
- TagHook

## ROD LIFTER

### RAAH Safety Rod Lifter



In an attempt to keep workers safe, we make significant efforts to eliminate work-related risks through product engineering. We also provide a number of hand-tool solutions to eliminate hand injuries.

- Ergonomically keeps the wrist and hand in a neutral position and eliminates strain
- Removes fingers from pinch points and sharp surfaces
- Allows for proper lifting techniques and body positioning
- Prevents thread damage
- Prevents pipe slippage through the use of a specially designed carbide grip

# DRUM HANDLING EQUIPMENT

## HYDRA-LIFT KARRIERS



Lift an 800 Lb. (363 kg) drum  
Pour up to 96" (244 cm) high

- Lift, move and pour a drum up to 8' high
- Models with power lift and tilt
- Rotate drum 360o in either direction
- AC, DC or Air power lift and tilt
- The MORCINCH™ Drum Handling System (page 3) handles various sizes of plastic, steel or fiber drum
- Models available in type 304 Stainless Steel
- Models with spark resistant parts

## VERTICAL-LIFT DRUM POURERS



- Lift and pour drum up to 106" (269 cm) high
- Easy to maneuver with tight turning radius
- Compact base provides small foot print
- Lifts drum straight up
- Rotate drum 360o in either direction
- Ergonomic battery, electric or air power lift & tilt
- Capacity: 800 Lb. (363 kg)
- Install MORCINCH™ Options (page 3) to handle plastic, fiber or smaller drum
- Stainless steel & spark resistant models available

## BATTERY POWER GRIP AND TILT



- Self-contained 12V DC Grip and Tilt
- Turn drum forward 180o to empty contents
- Handle 14" to 24" (35.6 to 61 cm) diameter drum
- Requires 25" (63.5 cm) between forks
- Capacity: 1500 Lb. (680 kg)

## DRUM RACKERS



- Quickly lift, move and rack a heavy drum
- 620 Series rack a drum up to 102" (259 cm) high
- 611 Series rack up to 56" (142 cm) high
- Rack drums with virtually no space between them
- Models with battery, electric or air powered lift and tilt
- Capacity: 800 Lb. (363 kg)

## PORTABLE DRUM ROLLERS



- Roll a closed drum on its side
- Agitate drum contents
- Bring valuable ingredients back into suspension
- Eliminate worker exposure and reduce clean-up
- Use as a drain stand to dispense from a drum

## DRUM ROTATORS



- Mix the contents inside a sealed drum
- Remix settled ingredients without inserting anything into your drum
- Save the labor of transferring contents and clean-up
- Improve safety: Eliminate spills, contamination, and exposure to contents

# FINGERSAVER SLOGGING WRENCH HOLDING TOOL

## FINGERSAVER 3G - COMPACT (295 MM)



The NEW Compact Fingersaver 3G. At only 295mm long, the newest model in the range offers a fantastic solution when working in easy access environments where more control is needed.

### Technical Information

**Length** : 295mm    **Weight** : 194g  
**Colour** : Orange

## FINGERSAVER 3G - STANDARD (375 MM)



The Standard Fingersaver 3G, the best seller out of the 3 in the Fingersaver product range. This Fingersaver is the ideal purchase for keeping hands away from danger during use with items such as a flogging spanner.

### Technical Information

**Length** : 375mm    **Weight** : 230g  
**Colour** : Orange

PRODUCT CODE	DESCRIPTION	SIZE
FSE375MM	Finger Saver Small	375mm
FSE850MM	Finger Saver Long	850mm
FSE295MM	Finger Saver Compact	295mm

## FINGERSAVER 3G - LONG (850 MM)



The Long Fingersaver 3G is the perfect solution for keeping hands and fingers well away from potential danger zones when either working alone or most commonly, with a colleague.

### Technical Information

**Length** : 850mm    **Weight** : 680g  
**Colour** : Orange



## SAFE-EASY-FAST SINGLE USER HAMMERING

### SLIDESLEDGE HAMMER



Slide Sledge provides the safest hammers on the planet. The powerful Slide Sledge Multi-head Hammer reduces dangerous, time-consuming hammering jobs to a one-tool, one-person operation. It replaces the need for a traditional sledge hammer. Servicing of heavy equipment & machines need extreme impact tools to:

- Drive pin rolls
- Insert or replace bushings
  - Change worn out items
  - Shear rusted bolts

#### SlideSledge in Petrochemical

- Hammer Union Tips
- Strike Wrench Tips
- Breaking the bond in Probe Tubes
- Multiple Job Specific Tips

#### IMPORTANT INJURY RELATED FACTS

340,000 workers are injured by hammers each year. Traditional Sledge Hammers account for more than 6 workplace fatalities annually

# SLIDESLEDGE HAMMER MULTI-HEAD HAMMER



**1/2" Diameter Pin Driver  
Part #213101**  
Recommended for pins and bolts greater than 1/2" up to 7/8" in diameter



**Bucket Tooth Pin Removers**  
Part #213305 3/8" Diameter  
Part #213304 1/2" Diameter  
Part #213302 3/4" Diameter



**Bushing/Bearing/Seal Plate Driver Part #213525**  
Install race bearings and seal with linears motion to avoid possibility of a miss-strike



**7/8" Diameter Pin Driver  
Part #213102**  
Recommended for pins greater than 7/8" up to 1-1/4" in diameter



**Bucket Tooth Pin Inserters**  
Part #213306 3/8" Diameter  
Part #213303 1/2" Diameter  
Part #213301 3/4" Diameter



**Race/Bearing/Seal Adapter  
Part #213526**  
Install races, bearing, and seals with this adapter driver tip. Add driver plates to the end of the adapter in various combinations. Fits plates with a common 9/16" center hole, up to 3/4" high (plates not include)



**1 1/4" Diameter Pin Driver  
Part #213103**  
Recommended for pins greater than 1 1/4 up to 2" in diameter



**Hammer Union Tip  
Part #400100**  
Tip offers a flush fit and impact on all tabs or wings of pipe



**Bushing Driver Adapter Part #213527**  
Proper installation of bushing will be accomplished easily and quickly with this adapter driver tip. Fits drivers with a common 3/4" center hole (drivers not included)



**2" Diameter Pin Driver Part #213104**  
Recommended for pins greater than 2" up to 2.5" in diameter



**Curved Chisel Tip  
Part #213531**  
1-3/8" tip ideal for chopping away hardened debris & shearing metal bolts, pins and rivets up to 3/8" grade 8



**Large Cup Driver Part #750001**  
Used for driving 1"-2 1/8" diameter headed stakes



**2 1/2" Diameter Pin Driver  
Part #213105**  
Recommended for pins greater than 2.5" up to 3" in diameter



**Scarifier Tooth Tip  
Part #213307**  
Removes scarifier teeth on most motor graders. The fork design allows the tech. to split the trenching arm where the scarifier tooth is forced fit



**Small Cup Driver Part #750002**  
Used for driving 1/2" - 3/4" diameter headed stakes



**3" Diameter Pin Driver Part #213106**  
Recommended for pins greater than 3" up to 4" in diameter



**Utility Wedge Tip  
Part #213528**  
All purpose impact tool designed to separate parts and straighten steel with maximum force



**Hook Cup Driver Part #750003**  
Used for driving 1/2", 5/8", 3/8" 1/12" hooked stakes



**Tie Rod/Ball Joint Separator Forks**  
Part #213521 11/16"  
Part #213522 15/16"  
Part #213523 1-1/8"  
Part #213524 1-7/16"



**Continuous Miner Tip  
Part #213661**  
Ideal for removing all teeth on continuous mining equipment  
(Adaptor needed #213660)



**Stake Cup Driver Part #750004**  
Used for driving 3/4" - 7/8" concrete and ground rods



**Tie Rod/Ball Joint Separator Adapter Part #213520**  
Attach all Slide Sledge™ separator forks and most common forks available today



**Strike Wrench**  
Large - Part #500001  
inside dimension 2.1 inch  
Small - Part #500002  
inside dimension 1.6 inch



**7/8" Punch Tip Part #750005**  
Used to punch a 7/8" hole through hard surface such as asphalt or frozen ground



**Tie Rod/Ball Joint Separator 3 Tip Set Part #213519**  
Slide Sledge separator adapter and 11/16", 15/16", 1-1/8 forks



**Tire Bead Breaker  
Part #213529**  
Small bead breaker has a head width of 2-1/4"  
Part #213530  
Large bead breaker has a head width of 2-7/8"



**5 lb Handle Weight Part #211808**  
Increases the Slide Sledge™ Striking force by 5 lbs, works with any Slide Sledge™ hammer

## Part #211803 - 38"

Heavy Nylon Tool Bag Fits all 30" Multi-Head Hammers & Pull Hammer  
(Bag is Included with every hammer purchase)



## Part #211804 - 52"

Heavy Nylon Tool Bag fits all 46" Multi-Head Hammers  
(Bag is included with every hammer purchase)



**Part #211103**  
**Part #211105**  
**Part #211203**  
**Part #211205**  
**Part #211301**  
**Part #211303**

**9lb | 30" Multi-Head™ Hammer**  
Compact 30" length great for fitting into tight areas  
**13lb | 46" Multi-Head™ Hammer**  
Ideal for most standard applications  
**14lb | 46" Multi-Head™ Hammer**  
Larger diameter BMF series coupled with compact 30" length allow tool to fit into tight areas while delivering Biggest Maximum

Force

**Part #211401**  
**Part #211403**

**21 lb | 46" Multi-Head™ Hammer**  
Longer length and greater weight delivers Biggest Maximum Force for your toughest applications.

# HANDS FREE BOLTING

## Hands Free Bolting



The Safety Valve works with all leading hydraulic power packs and torque tools and is supplied complete with whip hose and screw couplers to connect to your tool.

A (mm)	B (mm)	C (mm)	D (mm)	Weight (Kg)
199	170	26	1000	4



No Flog Backing Spanner



- No Flog Backing Spanner :**
- 2 Sizes in One
  - Hands Free
  - Spark Free
  - Tethered

No Flog Backing Spanner



# PETOL HAMMERTIGHT WRENCH RETAINER

PETOL™ HAMMERTIGHT™



PETOL™ HAMMERTIGHT™ wrench retainers are safe and easy-to-use tools designed to hold a striking wrench (also called a slugging or hammer wrench) on a nut for a safer, hands free, one man operation. The HAMMERTIGHT tool simply threads onto the stud. A spring loaded plate enables the wrench to be repositioned on the nut without removing the retainer.

# HUWE HAMMER UNION WRENCH

HUWE Wrench



The international patent-pending HUWE® is available today. It was designed by experienced oilfield veterans, thoroughly tested and prototyped, and is manufactured to exacting standards in HUWE®'s own facility in western Canada. Metallic silver is its standard colour.

The HUWE® makes life easier and safer for today's generation of oilfield workers, without sacrificing speed. You owe it to your crews, your field equipment and your company's bottom line to grab onto the HUWE®.

## BENEFITS

- User Friendly
- Plenty Of Leverage
- Much Safer
- Economical

# EGA MASTER NON-SPARKING TOOLS

## Non-Sparking Tools

EGAMASTER, S.A. Non-Sparking Tools are the best alternative for non-sparking application purposes in potentially explosive environments. All tools are forged after casting to achieve the best quality in the market, both in mechanical properties and attractive finishing. We incorporate to our non-sparking tools all our knowledge of decades designing and manufacturing hand tools, making the most ergonomic, easy-to-be-used and nicest design for them.

All EGA Master Tools are manufactured according to the strict control of ISO 9001-200, certified by the most prestigious institution for hand tool manufacturing, TÜV-Rheinland/Germany

### Materials:

Copper-Beryllium Alloy | Aluminium-Bronze Alloy |

Widest Range of Non Sparking Safety Tools from Egamaster



Pliers



Circlips Pliers



Mini Pliers



Pincers



Adjustable Wrenches



Gear Pullers



Tweezers



Wrenches



Torque Wrench



Socket Wrenches



Set



Impact Socket Wrench



Special Wrench



Pipe Tools



Screwdriver



Shovels and Rakes



Cutting



Files



Miscellaneous



Hammer



Aluminium Tool Case



Atex Safety Set



Acetilex

# RANGE OF GEARENCH PRODUCT



PETOL™ SURGRIP™ BELT TONG™ Strap Wrench



PETOL™-TITAN™ Chain Tongs



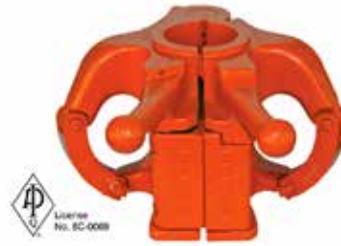
PETOL™ Drill Pipe Tongs



TITAN™ Cathead & Spinning Chain



PETOL™ Suckerrod Elevators



TITAN™ Tubing Elevator



PETOL™ Flange Lifter



PETOL™ Flange Aligning Tool



PETOL™ Rig Wrench



PETOL™ Striking Wrench



PETOL™ Suckerrod Transfer



PETOL™ Suckerrod Wrench



Refinery Wrench



PETOL™ TITAN™ Valve Wheel Wrench



PETOL™ Shothole Casing Tongs

## HOSE SAFETY

### Whip Socks - Whip Stops



The Raah Safety WHIP STOP has a specially designed braided cable which allows the cable to tighten down on the hose during a failure. Unlike the WHIP CHECK or the steel Hobble Clamp, the WHIP STOP will continue tightening down. The double leg anchoring points prevent the hose from whipping side to side making the WHIP STOP very desirable where employees are work near high pressure applications.

The whip sock has a unique design that prevents the very real and unpredictable whipping of a high pressure hose during a failure. The real genius behind these new designs is the woven steel that grips and tightens over a large area of the hose as it suppresses and confines the hose that has ruptured.

### Whipcheck



If a hose fails at the fitting area, Raah Safety - Cable Restraints are designed to give limited protection from hose whipping. The Cable Restraint will work on hoses ranging in size from 1/2" I.D to 4" I.D. and only should be used on hoses with a maximum pressure of 200 PSI.

**Raah Safety Singapore** - Cable Hose Restraints also known as Whip Checks

Installation of whipcheck is easy and requires no tools- the spring loaded loops of the whipcheck are opened and slipped over each hose providing a firm grip on the hose and avoiding it from whipping in case of accidents. Whipchecks are commonly used on hose for air, water blast, drilling, steam, concrete, sandblast or other high pressure applications.

## Cable and Nylon Hose Chokers



NYLON HOSE CHOKER and CABLE HOSE CHOKER have a specially designed choking action which allows the nylon or cable to tighten down on the hose during a failure. Unlike the WHIP CHECK or the steel Hobble Clamp, these CHOKERS will continue tightening down sometimes even choking off the air for a more controlled release. They can be used when more PSI capacity is needed, as Whipchecks are suitable for upto 200 PSI max.

## Hose Hobbles – Pipe Clamps



### Raah Safety - HOSE HOBBLER

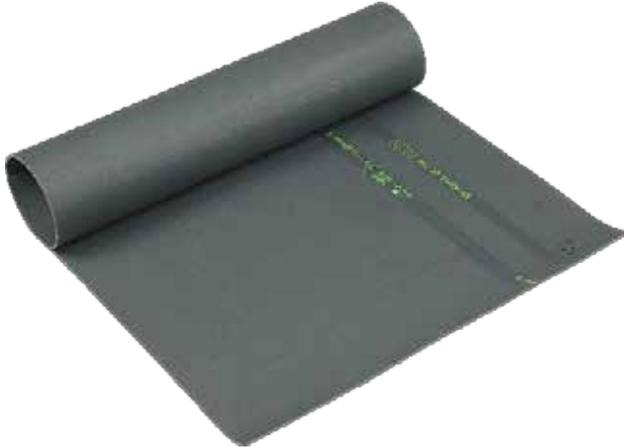
Hose Hobbles also known Pipe clamps are used to secure ends of rotary and other high pressure hoses to guard against accident in the event of failure of hose connection.

## Piping Chokers



## ELECTRICAL INSULATION MAT

Insulating Rubber Mats provides protection from electrical shocks due to earthing faults. The mats are made of best quality elastomer rubber and conforms to IEC 61111:2002. Finds application for both outdoor and indoor, the mats are placed in front of electrical panels and switchgears to provide safe working conditions for the technicians.



**CATU Insulated Mat**

Class Of Insulating Matting According To IEC61111	Proof Test	AC Maximum Working Voltage	Withstand Test Of Insulating Matting
Class 0	5kV	1000V – LV Low Voltage	10kV
Class 1	10kV	7500V – MV Medium Voltage	20kV
Class 2	20kV	17000V – MV Medium Voltage	30kV
Class 3	30kV	26500V – MV Medium Voltage	40kV
Class 4	40kV	36000V – HV High Voltage	50kV

## CATU ARC FLASH PROTECTION

Insulating gloves for “Arc Flash” protection

Nomex III Undergloves “Arc Flash” Gloves



High-Visibility " Arc Flash " Parka



" Arc Flash " face shield kit (10 cal/cm2)



" Arc Flash " jackets and protective coverall kits (8 or 10 cal/cm2)



" Arc Flash " protective kits ( 25, 40, 55, 65 or 100 cal/cm2 )



## PERSONAL SAFETY VOLTAGE DETECTOR

### Personal Safety Voltage Detector



is a sensor for sensing AC High Voltage. It provides electric engineering personnel, power engineering personnel, firefighting personnel and instrument equipment workers with prominent warning when approaching high voltage and for taking necessary safety action, preventing illusion and misjudgment which could lead to electric shock to person.

**Technical Data:**

- Distance of Starting Warning 80 cm for 11.4KV(6.6KV voltage to earth)
- Applicable Frequency 50/60 Hz
- Volume 70dB or higher at 1 meter distance
- Operating Temp & Humidity 5°C -45°C/80% RH

## Electrical Insulating Gloves

### Latex Gloves

Product Code	Class	Length (cm)	Category	Sizes	Packaging Colour
KL-AXY	00	28/36	AZC	8-9-10-11-12	Beige
KL-BXY	0	28/36	AZC	8-9-10-11-12	Red
KL-CXY	1	36/41	RC	8-9-10-11-12	White
KL-DXY	2	36/41	RC	8-9-10-11-12	Yellow
KL-EXY	2	36/41	RC	8-9-10-11-12	Green
KL-FXY	4	41	RC	8-9-10-11-12	Orange



### Mechanical Gloves

Product Code	Class	Length (cm)	Category	Sizes	Packaging Colour
KM-AXY	00	36	RC	8-9-10-11-12	Beige
KM-BXY	0	36	RC	8-9-10-11-12	Red
KM-CXY	1	36	RC	8-9-10-11-12	White
KM-DXY	2	36	RC	8-9-10-11-12	Yellow
KM-EXY	2	36	RC	8-9-10-11-12	Green
KM-FXY	4	41	RC	8-9-10-11-12	Orange

*\*Obtaining the category authorises an additional of 0.6mm Signification of category letters:  
A: Acid - Z: Ozone - H: Oil - C: Very low temperature - R: A + Z + H*

## Electrical Gloves



Electrical undergloves are made of cotton  
These gloves are worn under the electrical gloves, to provide comfort to the wearer by absorb the perspiration  
The gloves confirm to CE, EN 388 ( Minimum Risk Only)

**Product Code** ESU  
**Size** Universal

## Electrical Insulating Boots



Electrical Insulating Boots protect the people working on live voltages or working on live voltages or working in the proximity of electrical instalations. The polymeric toe cap provides the protection for toes in case of impact from top side

Comply with standards :  
EN 50321 class 0  
Individually tested at 10 000V



**Sizes Available**  
FR 36 37/38 39 40/41 42 43 44 45 46/47 48 49/50  
UK 3 4.5 5.5 7 8 9 9.5 10.5 11.5 13 14

# LOCKS, TAGS, AND SIGN

## Padlocks

### Padlocks Keyed Different

Keyed to Differ means all padlocks ordered will have a unique key, different to the others on your order.

### Padlocks Keyed Alike

Looking for Keyed Alike Padlocks? We offer fantastic range of Keyed Alike Padlocks at the best prices, look no further.

### Padlocks Master Key & Differ

Padlocks with different keys, that can be opened with a Master Key.



Master Lock Zenex 410 Safety Padlock



Vinyl Coated Brass Padlock



Master Lock Bluetooth Keyless Padlock (indoor)



Master Lock Bluetooth Keyless Padlock (outdoor)



Cable Padlock



Brady Standard Padlock



Circuit Breaker Padlock



Master Lock 406 Non-Conductive Safety Padlock



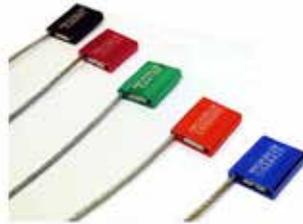
Brady Compact Aluminium Padlock

## Car seals

Car seals are used as part of a car seal program to seal valves in the open and closed position. Used in conjunction with a car seal tag in red or green to indicate the status of the valve. Generally used on process critical valves to prevent inadvertent or accidental operation of the valve.



Pack of 10 Car Seals & Tags



Car Seals, 1000mm X 2.5mm



Reusable Cars Seal



Stainless Steel Car Seal, 95cm Long (Pack 10)



Plastic Car Seal (Pack of 100 Seals)



Anti-Tamper Screwdriver

## Key & Padlock Storage Cabinets

A key cabinet is an important part of any management system which involves the use of large numbers of keys. These cabinets can be configured to store and record the removal and return of important keys and padlocks.



Key View Cabinets



Keystore Value Cabinets



Emergency Key Cabinets



Deep Padlock Cabinet - High Capacity



Padlock Control Centre - 8 Hooks



Select Access Portable Key Safe 5400D

# ANTI DROP TOOLS

## EGAMASTER Anti-Drop Tools



EGA Master ANTI-DROP tools have been carefully designed not only to avoid accidental dropping, but also to ensure maximum safety. All tools are equipped with heat shrink system which offer superior safety compared to other systems, such as directly holding tools with a knot.

Of course, all tools keep the original and well-known EGA Master industrial tools features: safety, resistance, durability, efficient and comfortable use.



**Tool Belt**



**Pliers  
Anti-Drop**



**Electrician  
Tools**



**Pincers  
Anti-Drop**



**Adjustable  
Wrenches**



**Screwdrivers  
Anti-Drop**

## TOOLARREST Anti-Drop Tools



**Tool  
Chests**



**Scaffolders  
Belt**



**Lanyards**

ANTI-SLIP & ANTI-DROP

# ANTI-SLIP

### Step Covers



Our anti-slip step covers are designed and manufactured to suit existing steps. The products are made of high quality glassfibre, wherein silicon stone has been embedded. The silicon stones ensure maximum friction and unrivaled lifetime for the products.

### Walk Way



Walk way covers are a fast, easy and effective solution to avoid slip and fall accidents. Our sheet profiles are made of high quality glass-fibre, into which small, sharp silicon stones have been embedded. This provides a very strong and non-slip surface, which also ensures a long life.

### Ladder Rung Covers



Ladder rung prevent slips and falls and can be mounted directly on the steps - regardless of material or shape.

All of our ladder rung profiles are made of quality fibreglass with embedded silicon carbide stones that make the steps almost indestructible and very slip-resistant.

### Stairs



Anti-Slip Stair Treads highlight the leading edge of the step and provide a non-slip stair tread surface that will withstand the toughest of conditions. We offer a range of Stainless Steel or Galvanized Stair Treads that are finished in a non-slip high-visibility safety yellow coating.

# ANTI-DROP

Safety Barricading is a unique clip-on barricading system that prevents dropped objects falling from stairways and injuring people below. Made from a lightweight advanced polymer blend, Barricading clips on to existing handrailing and prevents dropped objects from falling to lower levels. The Barricading system is versatile and can be adapted to suit your workplace.

Barricading is quick and easy to install and remove. The flexible polymer material utilised in the barricading is lightweight and has a low wind rating.

Dropped Objects falling from height can cause serious injury or death. The Barricading System can prevent dropped objects from leaving the walkway, containing the threat.

## Platforms



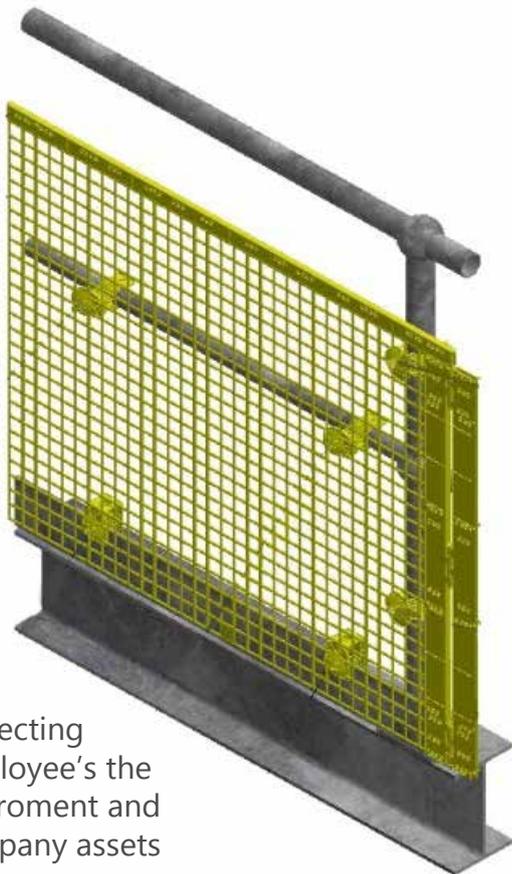
## Walkways



## Stairway



## Scaffolding



protecting employee's the enviroment and company assets

# RIG SAFETY

## FOSV Handling Tool



### FACTS

If the well flows through the drill pipe the FOSV with pre-installed FOSV Handling Tool can instantly be lifted by tugger and installed.

Delivered with full certification and SWL.

We can deliver for all safety valve thread types.

### ADVANTAGES

No manual chain tongs are required. When using FOSV Handling Tool, safety valves can easily be stabbed and screwed in.

### BENEFITS

The design contributes to fastest possible action and thereby reduces the risk of delays.

The circular handle creates sufficient torque enabling one man to tighten the FOSV by hand.

## Monsoon Shaker Screen Washer



### FACTS

Made of stainless steel and quality components.

Fast efficient cleaning of multi-size screens. MONSOON is fully certified for offshore conditions; ATEX Zone 1, NOR-SOK and CE certification.

It require sufficient supply of HP Water, air and power.

### ADVANTAGES

Special nozzle system creates dynamic impact. Small footprint. The machine has isolating inner and outer housing.

100 % control with critical substances.

Mud and cuttings will be drained. Vapors will leave through exhaust pipe.

### BENEFITS

Consistent and gentle wash sequence will prolong screen lifetime significantly and reduce your cost.

Crew will not be exposed to mud and noise level is reduced. The risk of exposure to hot water and hot surfaces f using hot water is eliminated.

Work area is always clean and tidy.

Easily installed in shaker room.

## Pitbull Torque Tool



### FACTS

Made of stainless steel. Tailor-made to fit any fluid end caps.  
Rigtools can also provide a hydraulic or pneumatic torque wrench fit for purpose.

### ADVANTAGES

The PITBULL Torque Tool eliminates use of sledgehammer. Correct and controlled torque is applied when making up end caps.

### BENEFITS

Use of sledgehammer is a potential hazard to personnel and causes accidents while handling mud pump fluid end caps. This

hazard is eliminated by using PITBULL Torque Tool. In addition it is more gentle to the equipment.

## Typhoon Wiper



### FACTS

The TYPHOON Wiper is tailor-made to fit on top of the diverter or bell nipple.  
It connects to the rig's HP water system or a special HP unit fit for purpose. In addition HP air is connected. Actuation of water/air can be done locally on the drill floor or remotely from driller's cabin.  
TYPHOON Wiper is welded in heavy stainless steel and in compliance with "Dropped Object Prevention Handbook". CE certification.  
Welding certificate.

### ADVANTAGES

Easy to install on top of diverter or bell nipple.  
Improves safety on drill floor.  
No risk of dropped objects.

No debris on drill floor or windows from using manual HP cleaning. All debris will be kept below rotary. Clean and tidy.

BHA and DP string will be pulled faster out of hole, no stops for manual cleaning.  
Clean BHA when racking back or laying down on deck.

### BENEFITS

TYPHOON Wiper eliminates personnel performing manual cleaning in Red Zone when BHA and DP is pulled through rotary

No exposure to the danger of dropped objects or working close to remote operated machines on drill floor.

The tool only uses very limited water volume when HP cleaning the BHA

Less time spent on housekeeping after tripping, fast moving to next operation, less flat spots on operational trends.

## Rigtools Clamp



The high level of safety and efficiency in today's drilling operations around the world requires special attention to work areas and risk exposures.

Rigtools Clamp improves safety and efficiency when handling lifting subs on bottom hole assemblies.

### Specification

- Rigtools Clamp is made of stainless steel
  - Weight: 6 kg without lifting gear
  - Length: 450 mm
  - The Clamp is delivered with lifting chains and full certification for offshore use
  - Clamp standard sizes: 3 1/2", 3 1/2", 4", 5 1/2", 5 7/8", 6 5/8", 7"



## Speed Gonzales



The high level of safety and efficiency in today's drilling operations requires special attention to work areas and risk exposures. To increase efficiency and reduce personnel being exposed in Red Zone we have introduced the Speedy Gonzales Pin Cleaner.

### Highlights

- Cleans 360 degrees in one working cycle
  - Minimizes personnel exposure in Red Zone
  - Improves drill floor safety
  - Ensures treads are properly cleaned prior applying dope
  - No over-torqued connections - dope applied on clean treads



## Elevator Handling Tool



Rigtools Elevator Handling Tool improves safety and efficiency when handling manual and auto elevator in all sizes.

### Product Description

- Elevator Handling Tool is made of stainless steel.
- Weight: 11 kg.
- Is delivered with full lifting certification for offshore use.



## BHA Washer



The BHA Wash Tool will be placed on top of the diverter or bell nipple and connected to rigs HP wash system. The tool has 4 to 6 high pressure nozzles facing well center. BHA Wash Tool nozzles will be connected to the rigs HP system or a special high pressure unit fit for purpose. Actuation of the water HP waterflow can done locally on the drill floor or remotely from Driller cabin.



### Highlights

- Improves safety on rigfloor.
- No personell in Red Zone during pulling of different BHA's
- Clean BHA when racking back or laying down on deck
- No debris on drill floor or windows from using manual high pressure washer. All debris will be kept below rotary
- BHA can be pulled faster out of hole, no stops for manual HP cleaning
- BHA Wash Tool will be installed after running the diverter and stays in place during entire operation
- Easy to install on top of diverter
- BHA Wash Tool is welded and has no loose items – No risk of dropped objects

## Pipe Wash & Dope Tool



### Highlights

- Improves safety on drill floor.
- No personnel in drop zone while tripping in hole.
- Easy to install on the drill floor.
- Fits all drill floor applications. Can be used with all types of pipe handling equipment.
- Ensures proper cleaning and doping of threads.
- No over torque connections - Dope applied on clean dry threads.
- No plugged MWD's or turbines. The tool cleans inside the pipe and removes any wood debris etc. from setback area
- Releases human resources.

## Hithat Doper



### Highlights

- Keeps water and debris out of the expensive Dope bucket
- Improve Dope lifetime
- No contaminated Dope will be applied on threads
- Improves ergonomics
- Fast and efficient to use
- Improves organization on the drill floor
- Personnel not exposed to Dope
- Cost saving.



**RAAH**  
INTERNATIONAL

# PROJECT PROCUREMENT



# INTRODUCTION

RAAH deals in a wide range of products - Mechanical - Electrical - Safety - Instruments. As the procurement arm for clients' projects and MRO needs, we offer services to procure USA and Europe brands of products, consolidate shipments and bring it to Singapore. Singapore being the base it is then distributed to SE Asia to our clients. We procure more than 3000 brands and supply to our clients for their project and MRO needs.

RAAH has accounts with several stockists worldwide. This enables us to bring in the material at shorter lead times. Furthermore we have a dedicated procurement team of engineers that help source for products across various continents, compare pricing and offer the cheapest quote.

## Supply Chain Solutions

Besides procurement services RAAH also offers supply chain management services exclusively for our clients only. With warehousing facilities in major countries such as US, UK, Singapore and India, we consolidate shipments and maintain stock for clients.

## Value Added Services

RAAH also provides installation and fabrication services for specialised solutions such as industrial insulation products for petrochemical applications, riveting SafeMate anti-slip solutions and others.

## Projects

In the last few years RAAH International has serviced several projects in namely Kaombo Project for Total E & P through Saipem, Karimun project for PT Saipem, Jangkrik OWN Portion Project for PT Saipem Balikpapan, Scarabeo 7 for PT Saipem, Tangguh project for Tripartra. Zawtika for PTTEP, SHWE and OGT for Daewoo, Yetagun for Petronas, Yadana and Yetagun for Total Oil and the South China gas pipeline, Rapid for Petronas, Burren Oilfield Turkmenistan, Iraq Oilfield for Lukoil, Chevron Bangladesh for Bibiyana, Jalalabad and Moulavi Bazar project, GE Power Plant in Bangladesh, Kris Energy project in Bangladesh, Bumi Armada Zabazaba FPSO Nigeria, Bumi Armada Kraken Project, Bumi Armada - Armada Perdana, Chevron Balikpapan, KNOC Vietnam project, the South China gas pipeline and many more.



# INDUSTRIES

Oil and Gas **1**

Petrochemical and Refineries **2**

Power **3**

Shipbuilding and Marine **4**

Aviation **5**

Mining **6**

Manufacturing and Engineering **7**

Renewable and Green Energy **8**

Pharmaceutical and FMCG **9**



# PRODUCTS



Drilling Spares



Electrical Consumables



Electrical Lighting



Electrical Safety



Electrical Supplies



Fasteners



Flange Sealing Gaskets



Flow and Level



Hose Tubing Fitting



Valves



Hydraulics



Industrial MRO



Instrumentation



Janitorial Supplies



Lifting and Rigging



Material Handling



Mechanical Tools



PPE



Pressure and Temperature



Storage





**THE ONLY MANUFACTURER OFFERING THESE 10 RANGES**



**RAAH IS THE PREMIER DISTRIBUTOR FOR EGA Master RANGE OF**

Mechanical - Tools - Safety Supplies in the Energy Industry

**EGA Master** offers a total solution for EPC Project needs. We have successfully delivered projects with EGA Master Hand Tools in the shortest time frames as they carry almost 100% of stock at all times. Equivalent to brands such as Proto, Facom, Snap on, Ridgid – EGA Master range offers equivalents with top notch quality and savings as high as 1/3rd of the cost. Our Technical Teams strong background helps to skip all the endless technical clarification, providing you with the right product for your application.

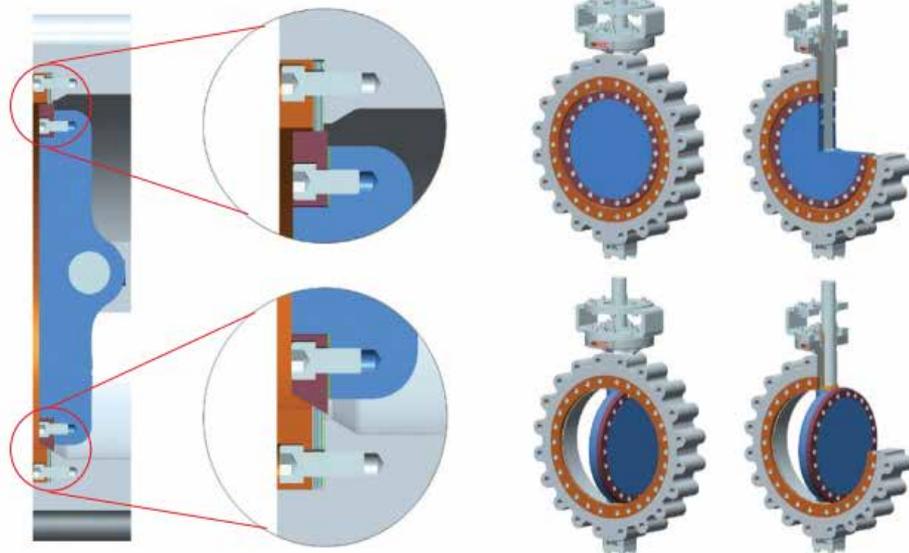
# SAFETY VALVES

## Triple Offset Butterfly valve



This geometry ensures that disc seat contracts the body seat only at the final shut-off position without rubbing or galling, providing a torque generated resilient seal with sufficient "wedging" to ensure a uniform seal contact

### Technical Design



## Eccentric Butterfly Valve



High Performance of the valve fulfils the highest quality with zero-leakage shut-off demanded by various industries. Easy maintenance in the field is a benefit to maintain the facility. The fire safe design offers superior performance in compliance with the most demanding standards. After a test of over 20,000 cycles at 300 psi pressure to preferred direction, the seat remained in excellent condition, continuing to provide a bi-directional zero-leakage seal.

## Concentric Butterfly valve



Resilient seated butterfly valves are widely used in various industries for both on-off and regulating service.

Various elastomer materials, resilient seat protects valve body from corrosive media like seawater, chemical etc.

It is designed in accordance with API609 with concentric axes of body, stem and disc.

## Dual Plate Check Valve Types

### Wafer Retainerless



Retainerless design supplied as standard

- **ANSI B16.5**
- Flange dims to ANSI B16.5 (MSS SP44>24")
- Face to face dims to API 594
- **API 605**
- Flange dims to API 605
- Face to face dims to API 594

### Flanged Retainerless



- Flange dims to ANSI B16.5 (MSS SP44>24")
- Face to face dims to API 594
- **API 6A**
- Flange dims to API 6A
- Face to face dims to API 6A
- **API 6D**
- Flange dims to ANSI B16.5
- Face to face dims to API 6D

### Solid Lug Retainerless



- Flange dims to ANSI B16.5 (MSS SP44>24")
- Face to face dims to API 594
- \* Threaded lug type also available
- **JIS 2210 & KS B1511**
- **EXTENDED BODY**
- Flange dims to ANSI B16.5

## Ball Valve



Valves are manufactured in a range of materials such as Carbon Steel, Low Temp Carbon Steel, Stainless Steel, Duplex, Super Duplex, Monel, Inconel and other Special Alloys.



### **PTTEP (Myanmar)**

**Client** : PTTEP  
**Project** : Zwatika  
**Project Period** : 1 OCT 2012 to MARCH 2015



### **Daewoo International Corporation (Myanmar)**

**Client** : Daewoo  
**Project** : SHWE, OGT  
**Project Period** : AGT 2015 to DEC 2017



### **PC Myanmar (Hong Kong) Ltd (Myanmar)**

**Client** : Petronas  
**Project** : Yetagun  
**Project Period** : MAR 2013 till date



### **Total E & P (Myanmar)**

**Client** : Total E & P  
**Project** : Yetagun Yadana  
**Project Period** : MAR 2013 to DEC 2017



### **ENI Burren (Turkmenistan)**

**Client** : ENI Burren  
**Project** : Burren Oilfields  
**Project Period** : JUN 2015 till date



### **Chevron (Bangladesh)**

**Client** : Chevron  
**Project** : Bibiyana Expansion, Jalalabad, and Moulavi Bazar Project  
**Project Period** : SEPT 2011 till date



### Saipem (Singapore)

**Client** : Saipem  
**Project** : Kaombo Project  
**Project Period** : 2017 Ongoing



### GE Bangladesh

**Client** : GE Bangladesh  
**Project** : Power Plant  
**Project Period** : 2018 Ongoing



### Egyptian Drilling (Subsidiary of Maersk) Egypt, Africa

**Client** : Egyptian Drilling  
**Project** : Sneferu, Zoser, Senusret, Setty, El Qaher 1 , El Qaher 2  
**Project Period** : 2015 to current



### Drilling and Petroleum (Saudi Arabia)

**Client** : Drilling and Petroleum  
**Project** : Sneferu, Senusret  
**Project Period** : 2015 to current



### Bumi Armada (Malaysia)

**Client** : Bumi Armada  
**Project** : Armada Perdana, Kraken, Project, Zabazaba FPSO Nigeria  
**Project Period** : MAR 2016 to current



### SapuraKencana (Malaysia)

**Client** : SapuraKencana  
**Project** : Sapura Pelaut, T17 and T18  
**Project Period** : MAR 2016 to current

## PIPE HANDLING TOOL

- **Challenge** : ‘We need a tool that can be used by an individual acting alone, with one hand holding the Gripper Tool while the other hand is operating an over-head crane to move the load into position (either into a shipping container, onto a truck, or onto a shop vise, rack or torque machine).So although 2 handed use may be possible with a second technician operating the crane for larger loads, our biggest need is a tool that can be used with one hand as the other will be on the crane controller. ’
- **Solution** : Pro Pipe Gripper Tool and Pro Pipe Handling tool which come in different sizes, with enclosed and open handles were the perfect solution.
- **Comment from the Client** :  
‘The Pro Pipe Gripper Tool best meet our needs.’

## WHIPSOCKS

- **Challenge** : 60 vessels all at different locations worldwide and all needed to be equipped with Hose Safety Restraints for safe operations.
- **Solution** : RAAH arranged for distribution to 25 sites worldwide, direct shipments from the factory and fulfilled the other within 3 weeks.
- **Comment from the Client** :  
Provided us with solutions for Safe Restraint of our high pressure hoses. Whip-check, Whipsocks and Chokers were used on our high pr hoses with varying PSI and varying service of Air, Fluids, Sour Gas.

## HANDS FREE LIFTING SAFETY KIT

- **Challenge** : I’m currently leading a Hands Committee which has been task to reducing hand injuries at our site, specifically at the Production inside of an Oil Refinery and the operation of opening and closing valves. These valve are in some very congested areas sometimes and create a lot of pinch points and line of fire. I’m also looking for something that limit the pinch points and line of fire hazards.
- **Solution** : RAAH offered a Hands Free Lifting Safety Kit that contained: Push Pull Tool, Snare, Slide Sledge Hammer Kit, Rod Lifter, RAAH Slings, Safe T Stick, Pipe Handling Tool, Tagattach, Fingersaver, Portable Valve Drivers.
- **Comment from the Client** :  
“The riggers are getting adjusted to using the tools. They weren’t totally buying initially but now they have a better understanding of the safety aspects. They have a better appreciation of not putting themselves in the line of fire as they become more comfortable with the tools.”



#### **Singapore**

UBI Tehpark, #03-56 (Lobby C)  
10 UBI Crescent, Singapore 408564  
Tel : (65) 66354520  
Fax : (65) 66354527  
Email : [Sales@raahinternational.com](mailto:Sales@raahinternational.com)  
[Sales@raahsafety.com](mailto:Sales@raahsafety.com)

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VA 23060  
USA

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Bintaro Jaya Sector 7  
Tangerang Selatan 15224,  
Indonesia

#### **India**

Sacred World Mall, G 15  
Wanowrie  
Pune 411040  
India