

***MILITARY**

Slide Sledge in Military Applications

M/S Guru Nanak Stress Reliever Pvt. Ltd., is sole distributor of Petersen Brand LLC, Illinois, USA, in India. We specialize in offering Slide Sledge Multi Head Hammer to our various esteemed customers in the business of Construction, Maintenance, Transportation and companies holding tracked and hydraulic equipment.

Slide Sledge Multi Head Hammer is a latest and state of art equipment, which has already been well accepted and continuously exploited in countries other than India. It aims at saving manpower, associated with repair and maintenance of heavy equipment and vehicles. In addition it reduces manual labour and is safer; thereby reducing chances of injuries to the operator and mechanic alike. In short, Slide Sledge Multi Head Hammer increases efficiency and generates more productivity.

In military applications, it has wide spread usage, especially at places where heavy vehicles, plants and machinery are used i.e. tanks, JCBs, skid steers, dozers etc. Slide Sledge Multi Head Hammer is an impact tool which can be utilized to insert/ replace bushings, drive pins, shear rusted bolts, replace/ insert pistons, etc. One tool of ours adapts to numerous applications, since the tips are interchangeable, as per the requirement of the job. In addition, all our tools are constructed using induction hardened steel and are for long life.

The main advantage from military point of view is that these require only one person to operate and are portable equipment, hence easy to carry even in cramped up places. Hence, repairs and maintenance which is required to be carried out at the place of broken down equipment can be easily affected. Further, these equipments can be gainfully employed in field conditions of Indian Army, thereby reducing considerably the down time for repairs and maintenance.

***MINING**

Slide Sledge in Mining Operations

SLIDE SLEDGE (Multi-Head Hammer) for Mining Application:

Introduction & Information:

Servicing of heavy equipment (SHOWELLS, DRILLS, DUMPERS, MOTOR GRADERS) & HEMM machines (BEML, KOMATSU, HITACHI, CATERPILLAR, etc) need extreme impact tools to:

1. drive pin rolls
2. insert or replace bushings
3. change worn out items
4. shear rusted bolts

...all this, plus more, with least down time

Normally, this is done by two persons – one holding tool and other swings large sledge hammer. This could result in

1. injuries, maybe smashed thumb
2. flying steel shrapnel

Slide Sledge (patented), Petersen Brands, USA, is a better way which uses

1. one person
2. one tool operator
3. maximum impact with precision & control
4. over 20 applications specific tips – can be attached to the end of tool for fast work

Slide Sledge has advantages (in line with Mining Mission statement & Safety parameters) of

1. **Safer** working method, with zero accident – so, negligible workmen's compensation
2. **Faster** working – so, less man-hours required, with more productivity and thus more profitability
3. **Easier** working – so, better health, reduced fatigue and improved working environment

Application of Slide Sledge is most desired also in **Underground Mine Equipment like LHDs, SDLs**

Benefits:

1. Increases profitability by:
 - Eliminating special equipment or additional operator by using task specific tips, so
 - one man operation and
 - down time hours reduced to minimum

 - Simplifies field maintenance / repairs:
 - Remove & install pin on any type of field equipment
 - Cuts & shears rusted bolts in seconds
 - Reaches between bucket teeth for easy removal & installation
 - Adapts to separator forks for fast & easy change outs

 - Promotes a safer work environment:
 - Minimizes operator effort & risk of injury
 - Reduces muscle strain
 - Diminishes flying debris associated with hammer and chisel

 - Adapts to numerous applications
 - Accommodates interchangeable application specific tips that allows one tool to do job of many
 - Adapts to quick change of tips

5. Delivers powerful & precise impact:
 - Constructed of induction hardened steel for long life
 - Delivers maximum (18,000 psi) impact force
 - Can use additional 5 lbs hammer weight for additional impact force

***RAILWAYS**

Slide Sledge in Railway Applications

Slide Sledge Petersen Brands in Railways Maintenance / Repair operation of:

1. tracks
2. locomotives
3. bogies
4. coaches and wagons

5. wheels and axles

Servicing or Maintenance of above (plus machinery & machines) need extreme impact tools to:

1. Remove & drive pin rolls
2. insert or replace bushings
3. change worn out items
4. shear rusted bolts

...all this, plus more, with least down time

Normally, this is done by two persons – one holding tool and other swings large sledge hammer. This could result in:

1. injuries, maybe smashed thumb
2. flying steel shrapnel
3. broken or damaged parts

Better way is the Slide Sledge (Petersen Patented Brand, USA), which uses:

1. **one person**
2. **one tool operator**
3. **maximum impact with precision & control**
4. **over 20 applications specific tips – can be attached to the end of tool for fast work**

Slide Sledge has advantages of:

1. safety
2. less injuries, so
3. less workmen's compensation claims
4. less man-hours required, so
5. more productivity &
6. more profitability

Benefits: Increases profitability by:

- Eliminating special equipment or additional operator by using task specific tips, so
- one man operation and
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Simplifies field maintenance / repairs:

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***INFRASTRUCTURE**

Slide Sledge in Infrastructure Applications

In the Infrastructure / Construction / Building areas, many of the heavy machinery / vehicles like

- **Backhoe**
- **Excavators**
- **Motor Graders**
- **Track Type Tractors**
- **Wheel Loaders**
- **OTR**

Need extreme impact tools for the Repairs & Servicing of:

1. drive pin rolls
2. insert or replace bushings
3. change worn out items
4. shear rusted bolts

...all this, plus more, with least down time

Normally, this is done by two persons – one holding tool and other swings large sledge hammer. This could result in

5. injuries, maybe smashed thumb
6. flying steel shrapnel

Better way is the **Slide Sledge (Petersen Brand USA)**, which uses

7. one person
8. one tool operator
9. maximum impact with precision & control
10. over 20 applications specific tips – can be attached to the end of tool for fast work

Slide Sledge has **advantages** of

11. safety
12. less injuries, so
13. less workmen's compensation claims
14. less man-hours required, so
15. more productivity &
16. more profitability

*DEFENSE

Slide Sledge in Defense Applications

Military application in the heavy vehicles / machinery / equipment associated with

- **Construction**
- **Maintenance**
- **Transportation**
- **Tracked**

Repair / Servicing of the above need extreme impact tools to:

1. drive pin rolls
2. insert or replace bushings
3. change worn out items
4. shear rusted bolts

...all this, plus more, with least down time

Normally, this is done by two persons – one holding tool and other swings large sledge hammer. This could result in

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Benefits: Increases profitability by:

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Simplifies field maintenance / repairs:

- Remove & install pin on any type of field equipment / vehicle / machinery
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