



ALPINE INDUSTRIALCON (PVT) LIMITED.

500 LBS BOMB MK-82



DESCRIPTION

THE BOMB HAS A FORGED STEEL BODY AND IS DESIGN TO MEET THE REQUIREMENTS OF THE LARGEST POSSIBLE MAJORITY OF BOMBING MISSION USING BOTH THE BLAST AND FRAGMENTATION EFFECTS. THE BOMB IS AVAILABLE IN TWO VERSIONS.

- A) BOMB BODY WITH CONICAL TAIL
- B) BOMB BODY WITH RETARDED TAIL UNIT (RTU)

LEADING PARTICULARS

BOMB(UNICAL TAIL)

LENGTH	2.15M
BODY DIAMETER	273mm
TAILSPAN	380mm
WEIGHT	240kg
FILLING	HE
LUG SPACING	356mmMV

BOMB(RETARDED TAIL)

LENGTH	2.16m
BODY DIAMETER	273mm
TAIL SPAN	385mm
WEIGHT	254 kg
FILLING	HE
LUG SPACING	356mmM

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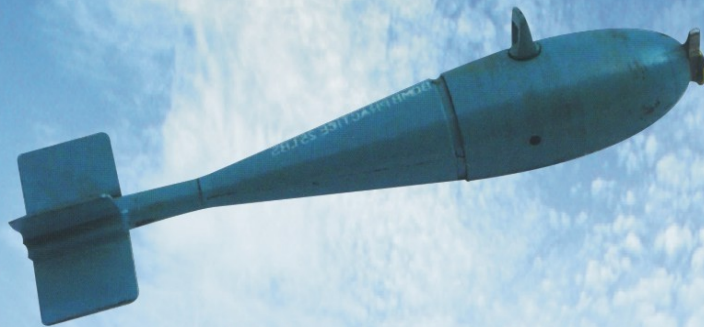
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ALPINE INDUSTRIALCON (PVT) LIMITED.

BOMB PRACTICE 25 LBS



DESCRIPTION

THE BOMB IS MADE ASSEMBLING A TEAR DROP SHAPED CAST IRON BODY WITH A THIN STEEL SHEET FIN ASSEMBLY. A HOLLOW ROUND CAVITY IS PROVIDED LENGTH-WISE THROUGH THE CENTRE OF BODY. A CONICAL FIN ASSY HAVING A TUBE IN THE CENTRE IS ROLL-CRIMPED IN TO TWO GROOVES IN THE AFT END OF BOMB BODY. A SINGLE LUG IS POSITIONED JUST FORWARD OF THE CENTER OF GRAVITY OF THE BOMB. THE FIRING PIN ASSEMBLY IS SUB COMPONENTS OF THE BOMB AND IS POSITIONED IN THE NOSE END OF THE BORE OF THE BODY AND SECURED IN PLACE BY RETAINING PIN.

LEADING PARTICULARS

- ★ SPECIALLY COATED FOR SEA-WATER
- ★ RESISTANCE.
- ★ LETHAL
- ★ RELIABLE

LENGTH = 22.50"
DIA = 4.0"
WEIGHT = 25Lbs

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ALPINE INDUSTRIALCON (PVT) LIMITED.

BOMBETTE SIGNAL STAR

WEIGHT	=	11.5 KG
HEIGHT	=	60 METERS
DURATION OF VISIBILITY	=	10-20 SEC.
PYROTECHINIC DEALY	=	32-35 MINUTES
AIR PRESSURE FOR LAUNCH	=	100 BAR
RANGE	=	DEEP WATER



DESCRIPTION

SIGNAL FIRING WEAPON MANUFACTURED BY ALPINE IS BEING USED BY PAKISTAN NAVY FOR SIGNALING PURPOSES. IT IS USED TO INDICATE THE POSITION OF SUBMARINE IN THE DEEP WATER. QUALITY INSPECTION IS INVOLVED IN EACH STAGE OF MANUFACTURING FOR OPERATIONAL RELIABILITY.

CHARACTERISTICS

RESISTANT TO SEA WATER DUE TO ALLOY ALUMINUM SEAL. SPECIAL SURFACE TREATMENT TO RESIST SEA WATER ENVIRONMENT.

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ALPINE INDUSTRIALCON (PVT) LIMITED.

DEPTH CHARGE

MATERIAL = STEEL

DESCRIPTION

THE WEAPON IS BEING USED BY PAKISTAN NAVY FOR HUNTING SUBMARINE IS SHALLOW IS IN WATER. THIS WEAPON IS DROPPED FROM HIGH SPEED AIRCRAFT. IT IS LETHAL AND CAUSES ENORMOUS DESTRUCTIVE EFFECT OS ITS SURROUNDING.



CHARACTERISTICS

SPECIALY COATED FOR SEAWATER
RESISTANCE.
LETHAL.
RELIBALE

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ALPINE INDUSTRIALCON (PVT) LIMITED.

RETARDED TAIL UNIT FOR MK-82 (500 LBS BOMBS)



RETARDED TAIL UNIT IS DEFINED AS AN ASSEMBLY CONSIST OF HIGH STRENGTH ALUMINUM ALLOY WHICH IS USES TO DELIVERY LOW DRAG GENERAL PRACTICE BOMB MK-82 IN HIGH DRAG MODE AND LOW DRAG MODE. DURING LOW LEVEL BOMBING, THE AIR CRAFT HAS THREAT BEING DAMAGED FROM THE BLAST OF ITS RELEASED BOMBED IF THE SPEED OF BOMB IS NOT SLOW DOWN. AS BOTH SHALL REACH THE TARGET AT THE SAME TIME.

THE RTU ASSEMBLY IS RELEASED AND AIR DRAG SLOWS DOWN THE SPEED OF BOMB AND PROVIDE AIRCRAFT A SAFE DISTANCE. IF PILOT FEEL NECESSARY TO DROP THE BOMB IN LOW DRAG, PILOT CAN SELECT THE

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ALPINE INDUSTRIALCON (PVT) LIMITED.

Tow Tractor

- Tow Tractor is used for the Movement of Light Weight Air Craft at the air port.
- Towing weight 80000 Lbs.
- Maximum Speed 25km/h
- Tractive Effort 70 KN
- 4 Wheel in the Back
- Simple Control
- Perkins Engine 1104
- Power Shift Transmission With Torque Converter



Electrical System: 12-Volt Negative Ground, Keyed Anti-restart Ignition, Horn, Sealed Beam Headlights, Stop/Tail Lights & Back-up Lights (2ea)

Instrumentation: GAUGES: Engine Hour Meter, Water Temperature, Fuel level. **WARNING LIGHTS:** High Engine & Transmission Temperature, Low Oil pressure, Charging System, Brake System Failure, Parking Brake Engaged.

Finish: Primer: 2-part Light Gray Epoxy Primer Finish: 2-part polyurethane (White, Yellow or Orange)(std)

Weights: DBP (lbs)(kg) 80000(lbs)
GVW (lbs)(kg) 7000(lbs)

Engine: Perkins 1104 cylinder

Transmission: Grazanio PST2

Axles: Heavy Duty, Planetary Wheel Ends

Steering: Front wheel full time hydrostatic power steering

Brakes Service: Four wheel power hydrostatic shoe type

Parking: Lever operated disc on out Transmission

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ALPINE INDUSTRIALCON (PVT) LIMITED.

DRIVER SEAT

FOR T59 TANK

METAL = RAW STEEL

DESCRIPTION

DRIVER SEAT IS MANUFACTURED BY ALPINE INDUSTRIALCON AND IS BEING USED BY PAKISTAN ARMY. THE DRIVER SEAT PROVIDES FOR THE DRIVER'S COMFORT AND REDUCES FATIGUE EFFECTS FOR LONGER OPERATIONAL SUSTAINABILITY .



CHARACTERISTICS

**COMFORTABLE.
ROBUSTNESS.
ADJUSTIBILITY.
FREE FROM FATIGUE DESIGN.**

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ALPINE INDUSTRIALCON (PVT) LIMITED.

AIR CLEANER

FOR T69 TANK

MATERIAL
SPECIAL STEEL FOR CLEAN HIGH
TENSILE / STEEL FOR TANK CREW

WEIGHT 33.9 Kgs



DESCRIPTION

A SPECIAL TYPE OF AIR FILTERING UNIT,
ITS MANUFACTURING INVOLVES 1500 DIES,
THE UNIT IS EASY TO MAINTAIN AND PROVIDES
TROUBLE FREE SERVICE.
THIS ASSEMBLY IS RESPONSIBLE FOR THE
SUPPLY OF CLEAN AIR TO THE CREW
COMPARTMENT OF T-69 TANK.

CHARACTERISTICS

DUST FREE SUPPLY OF AIR.
EASY MAINTAINABILITY.
RELIABLE OPERATION.

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ALPINE INDUSTRIALCON (PVT) LIMITED.

ADAPTER BOOSTER M-148 & CONTAINER ADAPTER BOOSTER

LENGTH = 7.15"
DIA = 3.50"



MATERIAL : HIGH TENSILE STEEL

DESCRIPTION

THE ASSUMABLY CONSISTS OF MANY COMPONENTS AND IS BEING USED IN PAKISTAN AIR FORCE. IT IS USED IN THE AIRILY DELIV. ERED BOMB, AS AN INTERMEDIARY DEVICE. THE USE AGE OF THIS DEVISE IS UNIQUE & IS THEREFORE CHECKED DURING ALL STAGES OF MANUFACTURING BY QUALITY INSPECTORS.

CONTAINER ADAPTER BOOSTER IS BEING USED BY PAKISTAN AIR FORCE FOR THE PACKING, STORAGE & TRANSPORTATION OF HIGHLY SANATIVE EXPLOSIVE DEVICE ADAPTER BOOSTER M-148 PK-1-T/45, IT IS MANUFACTURED IN ACCORDING WITH MILITARY SPECIFICATION AND QUALIFIED UNDER ISO-9000 STANDARD.

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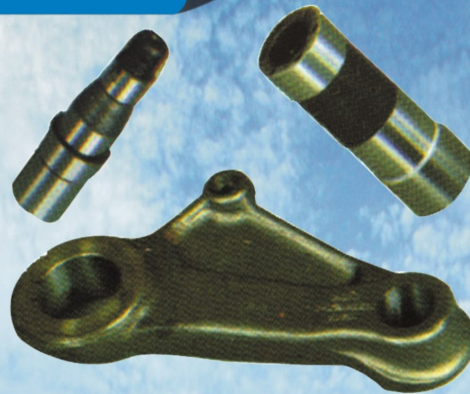
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ALPINE INDUSTRIALCON (PVT) LIMITED.

ARM SUPPORT

MATERIAL : 8 SERIES FORGING
4 SERIES FORGING
WEIGHT : 20kg



DESCRIPTION

A HIGH QUALITY STEEL FORGING MACHINED. SHRUNK FIT, HEAT TREATED, BROADHED AND GROUND TO VERY HIGH PRECISION US MILITARY STANDARDS , THE COMPONENT IS ROVUST ENOUGH TO WITHSTAND JERKS AND JOLTS GENERATED BY ARMORED PRERSONNEL CARRIER (APC) MOVEMENT IN CROSS COUNTRY ENVIRONMENT. THE MANUFACTURING INVOLVES LARGE NUMBER OF TOOLING, GUAGES AND FIXTURES.

12253620-1 S 1
PART NO : 12253620-2 S 1
12268700-S

CHARACTERISTICS

COMPATIBLE WITH M-113 VEHICLE.
SUSPENSION SYSTEM ONLY MANUFACTURED BY
ALPINE (OEM) IN PAKISTAN.
HIGH PRECISION PRODUCT.

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ALPINE INDUSTRIALCON (PVT) LIMITED.

BODY MOVEABLE DISK

MATERIAL = CORBON STEEL
WEIGHT = 20450 KG



DESCRIPTION

**Carbon Steel forged Machined and heat treated components
it is ingrafted forging, warpage controlled, and free from
mismatch and surface defects.**

CHARACTERISTICS

**Integrated Forging.
Specially Heat Treated.
Free From Surface Defects.**

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ALPINE INDUSTRIALCON (PVT) LIMITED.

GUIDE CONNECTING TUBE

MATERIAL = HIGH TENSILE STEEL

Weight = 702mm
width = 230mm
depth = 460mm
weight = 10.135 Kgs



PART NO = WZ120-29-1253-2

DESCRIPTION

A sheet metal press work components manufactured according to strict quality specifications through precise control of measurement & checked with gauges & templates.

CHARACTERISTICS

**SPECIALLY HEAT TREATED. PRECISE
MANUFACTURING AND QUALITY
CONTROL.**

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ALPINE INDUSTRIALCON (PVT) LIMITED.

HUB-D-GE

PART NO : 8756609
MATERIAL : 4 SERIES FORGING STEEL
6 SERIES FORGING STEEL



DESCRIPTION

THE WEAPON IS BEING USED BY PAKISTAN NAVY FOR HUNTING SUBMARINE IS SHALLOW IS IN WATER. THIS WEAPON IS DROPPED FROM HIGH AN AROUSED PERSONNEL CARRIER (APC) POWDER TRANSMISSION COMPONENT MADE OF ALLOY STEEL. THE MANUFACTURING INCLUDES MACHINING. THREADING. DRILLING. TAPING AND HEAT TREATING WITH THE USE OF LARGE No OF GAUGES. THIS INTEGRATED PART OF THE APC M-113 IS THE ONLY COMPONENT OF DIFFERENTIAL, WHICH GAS BEEN SUCCESSFULLY DEVELOPED IN PAKISTAN BY ALPINE. SPEED AIRCRAFT. IT IS LETHAL AND CAUSES ENORMOUS DESTRUCTIVE EFFECT OS ITS SURROUNDING.

CHARACTERISTICS

SPECIALLY HEAT TREATED FOR M-113.
HIGHLY ACCURATE AND PRECISE COMPONENT. A LARGE VARIETY OF GAUGES USED IN MANUFACTURING AND INSPECTION.

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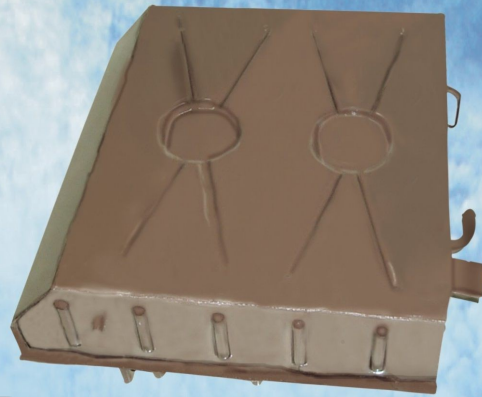
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ALPINE INDUSTRIALCON (PVT) LIMITED.

MIDDLE GROUP FUEL TANK

MATERIAL = STEEL SHEET



DESCRIPTION

MIDDLE GROUP FUEL TANK IS BEING USED FOR DIESEL STORAGE IN T-69 TANK. IT FILTERS, PURIFIES AND SUPPLIES DIESEL TO ENGINE FOR BETTER PERFORMANCE. ITS INTERNAL SPECIAL COATING PREVENTS THE TANK FROM RUST, CORROSION AND OTHER HARMFUL ENVIRONMENT EFFECTS

CHARACTERISTICS

**SPECIAL INTERNAL COATING. SPECIAL FILTER.
RUST FREE. SAFETY FROM HARMFUL ENVIRONMENTAL EFFECTS**

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ALPINE INDUSTRIALCON (PVT) LIMITED.

NIGHT VISIONBOX

H E I G T = 200mm
W I D T H = 220mm
W E I G H T = 4KGS

PART NO : BW121J-28-01

MATERIAL : HIGH TENSILE STEEL



D E S C R I P T I O N

A SHEET METAL PRESS WORK COMPONENT MANUFACTURED ACCORDING TO STRICT QUALITY SPECIFICATION THROUGH PRECISE CONTROL OF MEASUREMENT AND CHECKED WITH GAUGES AND TEMPLETS.

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ALPINE INDUSTRIALCON (PVT) LIMITED.

OXYGEN CAN BOX

MODEL DXL - 97

DIMENSIONS	= 400 x 140 x 140 MM
WEIGHT	= 11.5 KG
VOLUME OF GASE	= 200 LITERS APPROX.
BURNING TIME	= 32-35 MINUTES
TEMP .DURING BURNING	= 300 C APPROX.



DESCRIPTION

STANDARD OXYGEN CANDLE IS A DEVICE TO GENERATE OXYGEN IN USE CONFINED ATMOSPHERE .IT IS A SEALED BOX WEIGHTING APPROXIMATELY 11.5 KILOGRAM.

CHARACTERISTICS

AN OXYGEN
PRODUCING SYSTEM.
AN IGNITION SYSTEM.
A FILTERING SYSTEM.

APPLICTIONS

SUBMARINE
NBC SHELTERS
UNDERGROUND
FACILITIES

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ALPINE INDUSTRIALCON (PVT) LIMITED.

RIGHT/LEFT BRAKE BRACKET

FOR T69 TANK

RIGHT BREAK BRACKET	LEFT BREAK BRACKET
WEIGHT = 165 mm	WEIGHT = 200 mm
WIDTH = 172 mm	WIDTH = 224 mm
DEPTH = 294 mm	DEPTH = 150 mm
WEIGHT = 11.69 KGs	WEIGHT = 8.3 Kgs

PART # : wz120-10-01-1
 : wz120-10-02-3

MATERIAL = CARBON STEEL

DESCRIPTION

A COMBINATION OF CAST, MACHINED & PLATE COMPONENTS ASSEMBLED TO SPECIFIED PRECIS AND ACCURACY. THESE COMPONENTS WHICH BELONGS TO T-69 TANK FAMILY ARE VERY CRITICAL FOR BRAKE SYSTEM. THE MACHINE PLATE QUALITY CHECKED WITH LARGE NUMBER OF GAUGE & TEMPLATES.

CHARACTERISTICS

VERY GOOD CASTING.
NO SURFACE DEFECT.
PRECISE, ACCURATE MACHINING.



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ALPINE INDUSTRIALCON (PVT) LIMITED.

ROTARY BASEPLATE



MATERIAL = HIGH TENSILE STEEL

DESCRIPTION

A HAVE SHEET METAL PRESS WORK ITEM WITH PRECISE CONTROL OF WAR PAGE ,BENDING AND DEFALCATION.USE S LARGE NUMBER OF JIGS FIXTURE DURING FABRICATION PROCESS. ENABLE ROTATION OF GUN PLATFORM.

CHARACTERISTICS

MANUFACTURED WITH NUMBER OF TOOLING .PRECISE CONTROL OF ARPAGE AND DEFLECTION. INTEGRATION OF MACHINING AND FABRICATION WORK. TROUBLE FREE ROTATION. LONG LIFE

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ALPINE INDUSTRIALCON (PVT) LIMITED.

TOWING ROPE

**MATERIAL = STEEL ROPE
CHROMIUM STEEL**
LENGTH = 3940 MM
DIA = 36 MM
WEIGHT = 50 KG



DESCRIPTION

Towing hook & Rope Special Developed for tank to tank towing manufactured out of authentic rope material to cater for high quality and safety requirements. The hook has been forged and tested against standards.

CHARACTERISTICS

SPECIALLY HEAT TREATED
BEARING LOAD = 100TONS
WORKING LOAD = 40TONS

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