



Amit Engineering Works Is Established As A

Leading Manufacturer Exporter, Wholesaler & Supplier

Of Spares & Assembles Of Tamping

Machines To Indian Railways

Since 1983.

**AMIT**
ENGINEERING WORKS



COMPANY'S OVERVIEW

- We Are An ISO 9001 Certified Company Established In The Year 1983.
- Ever Since Then, We Continue To Grow As One Of The Leading Manufacturers Of Tamping Machine Spare Parts.
- Apart From Being A Leading Manufacturer, We Are A Leading Exporter, Wholesaler, Supplier Of Spares And Assemblies Of Tamping Machines To Indian Railways.
- We Provide Every Micro – Assistance For Tamping Machine Spare Parts & Its Related Service To Our Customers.
- By Doing So And Making Use Of 720 Degree Crystal Model, We Have Won Trust & Have Touched The Top – Notch Level Of Expected Client Satisfaction.
- Being The “Only Tamping Machine Spare Parts Manufacturer In India”, We Love To Accept Challenges & Overcome It By Coming Up With Innovative Ideas & Solutions In A Scientific Way Year By Year.
- Our Goal Of Providing High – End Machinery Spare Parts, Cost Effective Solutions, Eminent Customer Service & Unmatched Sales Support Makes Us A Market Leader In This Industry.
- With 32 Years Of Experience In Hand, We Now Aim At Broadening Our Service & Products Beyond Our National Boundaries.
- In Short, We Aim To Be Universal Choice For Railways.

CLIENTELE

We provide our clients with the expertise necessary for their challenging projects & maintain the long term relationships needed to work through complicated agency requirements. With the higendeavor of our highly skilled technical experts we afford to serve our clients in better & incomparable way.



OTHER CLIENTELE

S.C.R.E SANGH | WESTERN RAILWAY | SOUTH ESTERN RAILWAY | SOUTH RAILWAY

OUR MISSION

To Provide The Highest-quality End Products To Our Customers And Continue Strive To Be The Leader In Our Industry Through Individual And Combined Dedication, Innovation, And Integrity. We Adhere To Environmental Regulations And Promote Sustainable Environmental Practices To Our Clients And Will Give Our Employees The Opportunity For Both Personal And Professional Growth.

OUR VISION

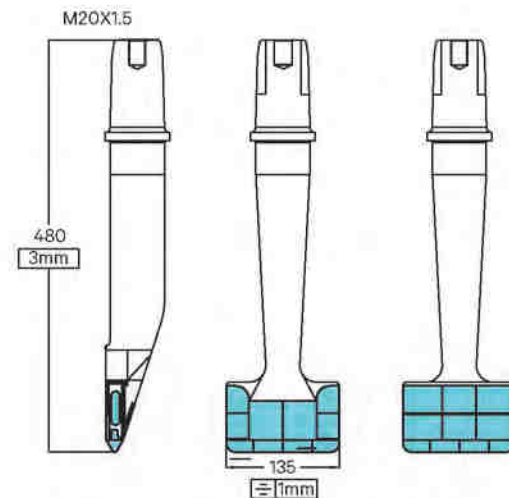
To Be The Best Service Provider In Industry By Delivering Innovative Services And Solutions That Meet International Standards. Through Our Skills, Experience, And Problem Solving Abilities To Provide Creative, Yet Practical, Cost Effective Solutions Reach The Zenith. We Highly Cherish Our Stakeholders To Grow Along With Us Through Innovation, Quality And Satisfying Service.



TUNGSTEN CARBIDE TAMPING TOOL

We Have A Wide Range Of Tamping Tools Which Are Used In Railways As Railway Components. They Are Made Of High Quality Raw Materials & Covered All Sides By Tungsten Carbide Plates. The Use Of Alloys In Manufacturing These Tamping Tools Enables The Product To Give A Flawless Performance And Flexibility.

- TCTT Is Manufactured From Chromium Molybdenum / Nickel Chromium Molybdenum Alloy Steel.
- This Kind Of Tamping Tools Has An Ability To Withstand (Minimum) Vibration Frequency Of 35 Hz & (minimum) Squeezing Pressure Of 120 Kg/Sq. cms.
- Designed For Easy Penetration Into The Ballast & Is Strong Enough To Meet The Functional Functional Requirement For Its Entire Life.
- The Underside Of The Tine Separates The Ballast Bed As It Penetrates.
- The Tine Plate Transmits The Squeeze Forces To Compact The Sleeper Bed.
- At Last, The Rear Side Of The Tine Is Subjected To Heavy Wear From The Ballast As The Tines Penetrate And During Opening After The Squeeze Action. TCTT Is Designed In Such A Way That It Can Be Removed Easily From Tamping Arm Without The Help Of Any External Device.

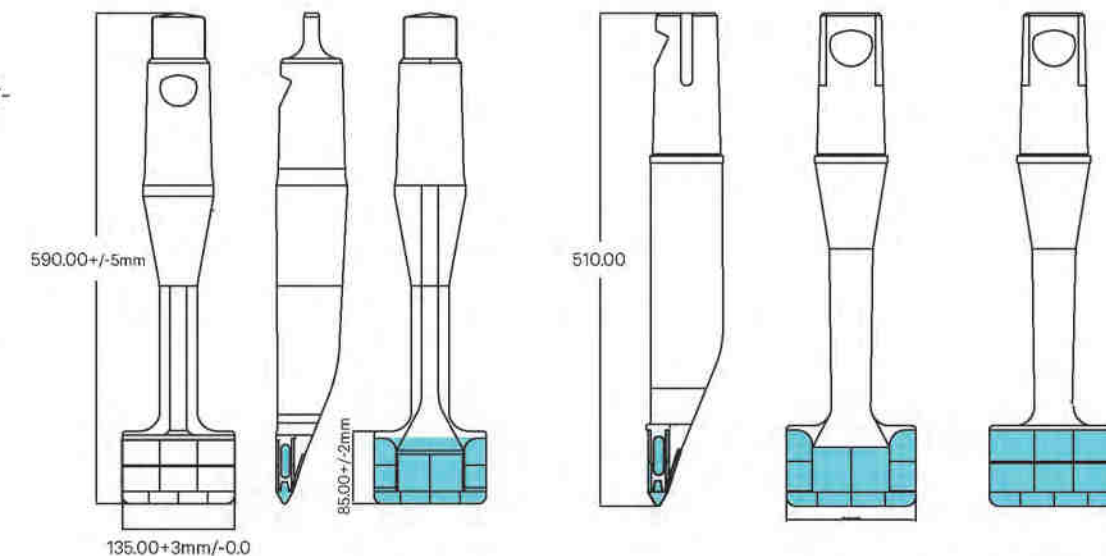


Suitable For Plasser Tamping Machine
09/32 CSM, 09/16 CSM, 08/32U, 08/32,
07/16, 09-Dynamic, Duomatic

AEW Tungsten Carbide Tamping Tools (TCTT) Meets And Also Exceed The Specifications Laid Out By RDSO, Since It Offers High-strength-alloy Forged Shanks, CNC-produced Matching Fitting Surfaces, Full Tungsten Carbide Coverage Of The Pad And Wear Areas Due To Its Slim, Insertion Friendly Profile

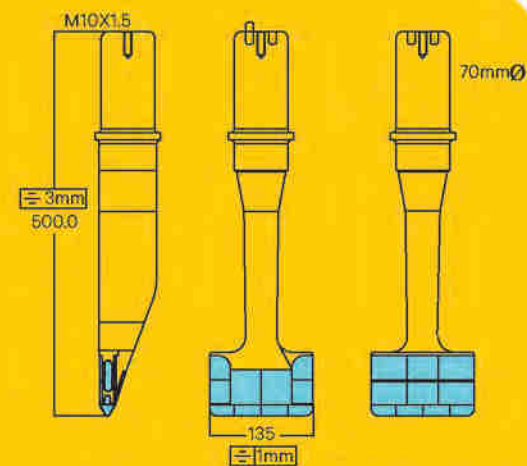
Hidden Benefit For Using Tungsten Carbide Tamping Tool Against Ordinary Tamping Tool.

- You Are Saving Minimum of 30% Cost By Using Tungsten Carbide Tamping Tool.
- Less Inventory By Using Tungsten Carbide Tamping Tool.
- Improve The Quality Of Tamping.
- Improve The Life Of Tamping Bank.
- Improve The Life Of Tyne Holder.
- It Reduced The Transportation Time And Money And Man Power By @ 20 Times.
- It Reduce The Down Time Of The Costly Machine.
- Increases Insertion Count.
- Increases Performance , Productivity & Durability.
- Increases life up to 15 times.



Tungsten Carbide Tamping Tool For
Unimate 3S & 4S Machine.
2W.3.41B, CU-30-6820-BE-FRI.IMP,
CU-30-6820-BE & Others

Tungsten Carbide Tamping Tool For
Unimate 4S Machine. CU-30-6220-BE-IMP,
CU-30-6220-BE & Others



Suitable For Plasser Tamping Machine
09-3x, & 09-2x



SQUEEZING CYLINDERS FOR PLASSER TAMPING MACHINE

- Squeezing Cylinder Body Is Provided In Tamping Unit Of DUO/CSM Tamping Machine. It Can Hold All Its Components Under 2100 rpm i.e. 35 Hertz Of Vibration During Tamping And Squeezing Of Ballast With The Help Of Tamping Tools Under The Track At 150 Kg / Sq.cm Hydraulic Pressure.
- Squeezing Cylinder Are Made Of Forge 1 Piece Steel Grade A or B. It Conforms To IS : 2062-1992 Having Minimum Tensile Strength 410 Mpa i.e. 410 N/sq. mm with Minimum Percentage Elongation Of 23.
- The Non Functional Surface Of The Cylinder Body Is Painted In Two Coat With Golden Yellow Colour Of General Purpose Synthetic Enamel Paint By Spray Painting And Functional Surface Is Protected With One Coat Of Boiled Linseed Oil Conforming To IS: 771976 (Linseed oil for paint).
- The Oil Holes Are Protected With Plastic Cap(S). Month And Year Of Manufacture And Manufacturer's Code Identification Is Engraved / Embossed On The Non-functional Surface Of Each Closing Cylinder.

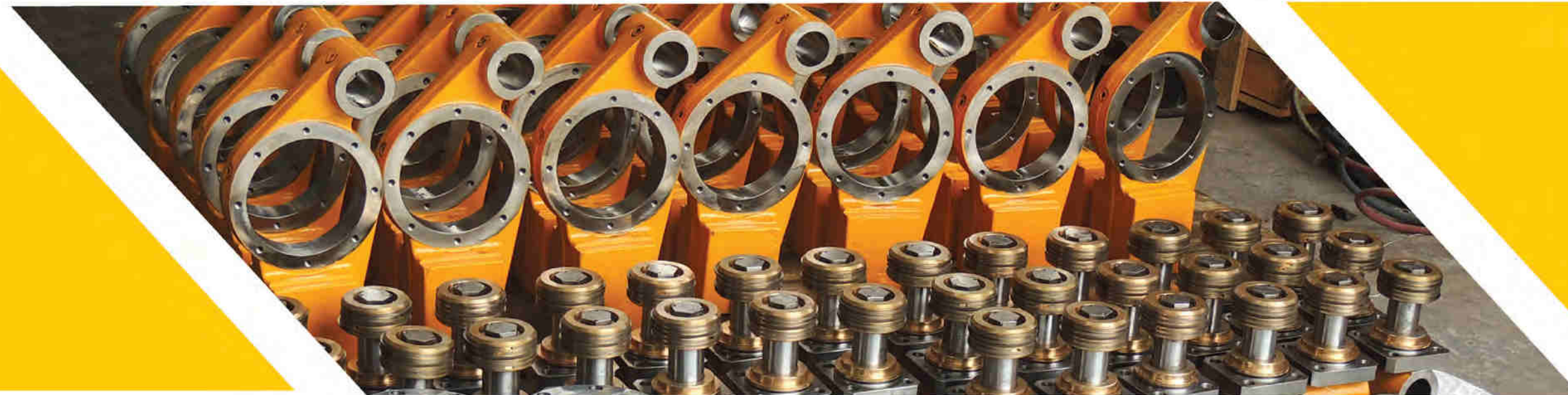


THE ADVANTAGES 09-CSM

- Highest Tamping Due To Non-synchronous Uniform Pressure Tamping Principle
- Optimum Tamping Frequency Of 35 Hz
- Directional, Linear Vibration
- 50% Higher Work Capacity
- Unrivalled Working Comfort
- Reduced Wear

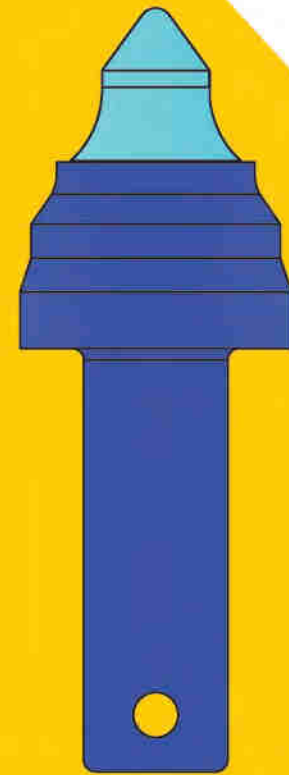
THE ADVANTAGES OF THE 09-3X

- Increase In Output Of 30-40% Compared To Continuous Action Two Sleeper Tamping Machines.
- Highest Quality Of Tamping Due To Plasser & Theurer Tamping Technology.
- Uniform Quality Of Work Due To 3-sleeper Tamping.
- Flexible Range Of Application Thanks To Single Or Three Sleeper Tamping
- Excellent Working Comfort Thanks To Continuous Working Action
- High Reserves Of Output Thanks To State-of-the-art Drive Technology.
- Ideal Application For Mechanized Track Maintenance.
- Cost-efficient Utilization Of Extremely Short Track Possessions.
- Better Availability Of The Track.



CUTTING CHAIN FOR PLASSER BALLAST CLEANING MACHINE

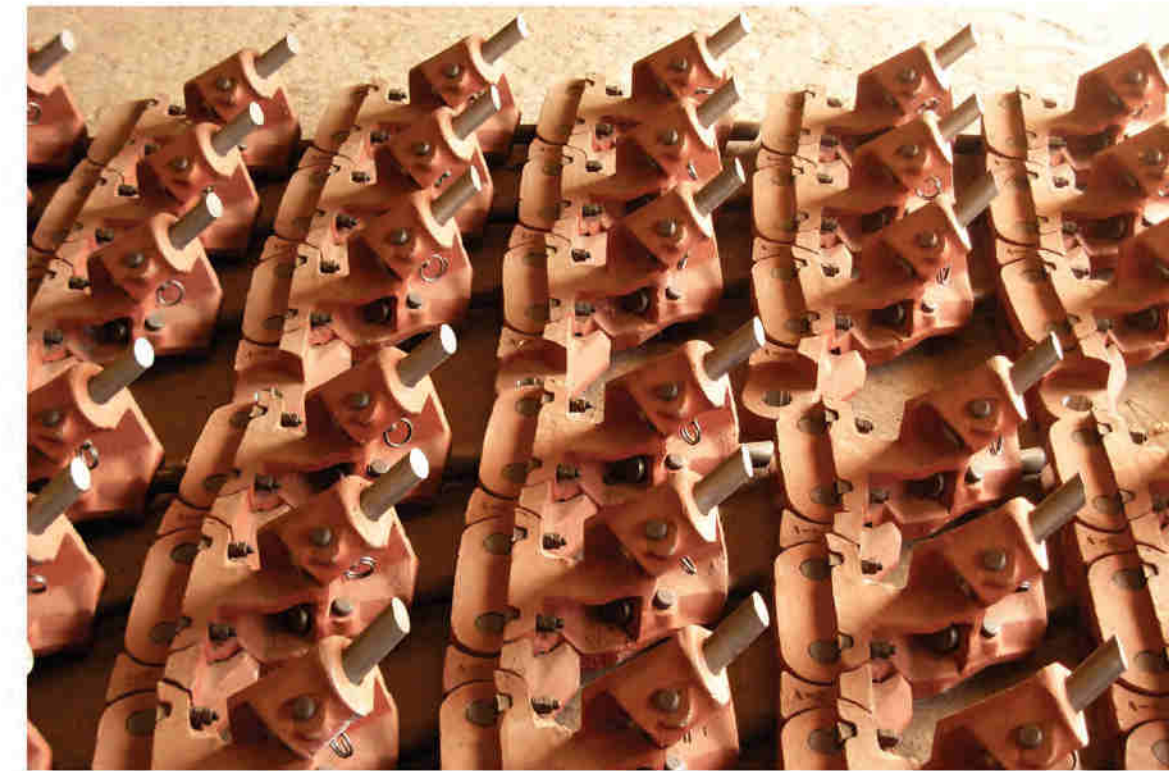
- The Chains Consist Essentially Of Scrape Shoels With Two To Five Carbide Fingers, Connecting Links And Bolts. The Fingers Loosen The Encrusted Material From The Ballast Bed, The Scraper Shovels Convey The Material In The Chain Guides Directly To The Screening Unit.
- This Process Already Achieves A Certain Degree Of Separation Of The Spoil From The Ballast. The Chain Is Guided Underneath The Track In A Cutter Bar. This Enables An Exact And Straight Cut Over The Entire Excavating Width. The Required Crossfall Of The Subgrade Can Be Produced Accurately In This Way.
- To Be Able To Avoid Obstacles Or To Position The Excavating Unit In The Middle Of The Track During Work In Curves, The Chain Guide Can Be Displaced Laterally Without Changing The Formation Crossfall Or The Cleaning Depth.
- The Possible Excavating Depth Is Up To 900 mm On The Rm 76 U And Up To 1150 mm On The RM 80 U.



CHAINS EQUIPPED WITH TUNGSTEN CARBIDE FINGERS

The five easily exchangeable scraper fingers of this ballast excavation chain are designed as specially armoured Tungsten Carbide Round shaft chisels.

To achieve high-quality cleaning of the ballast, the ballast cleaning machines have to fulfill a variety of requirements. The **Excavating Chains with Tungsten carbide fingers** machines comply fully with all expectations. The **Excavating Chains with carbide fingers** with standard machines RM 92 U and RM 80 can be regarded as perfect in respect of excavating unit, measuring and control system, screening unit, ballasting and spoil evacuation.



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