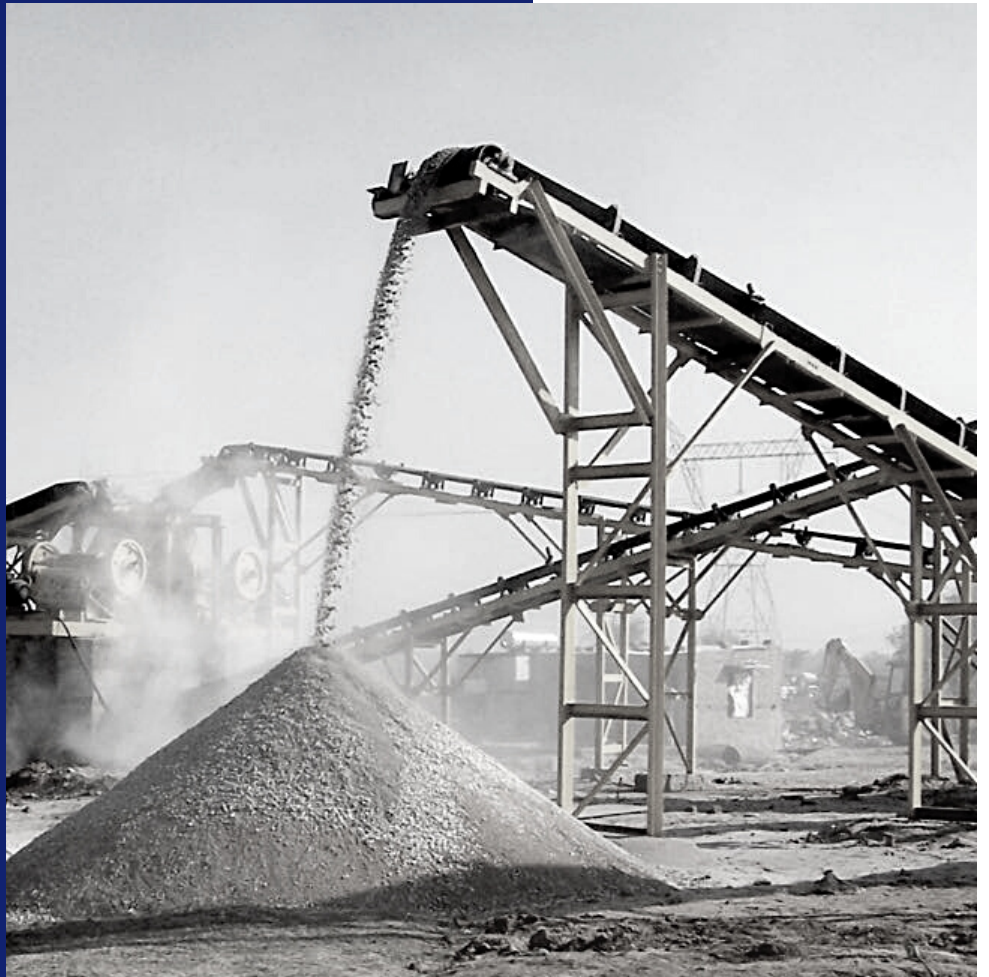


STATIONARY PLANT SOLUTIONS



120 TPH

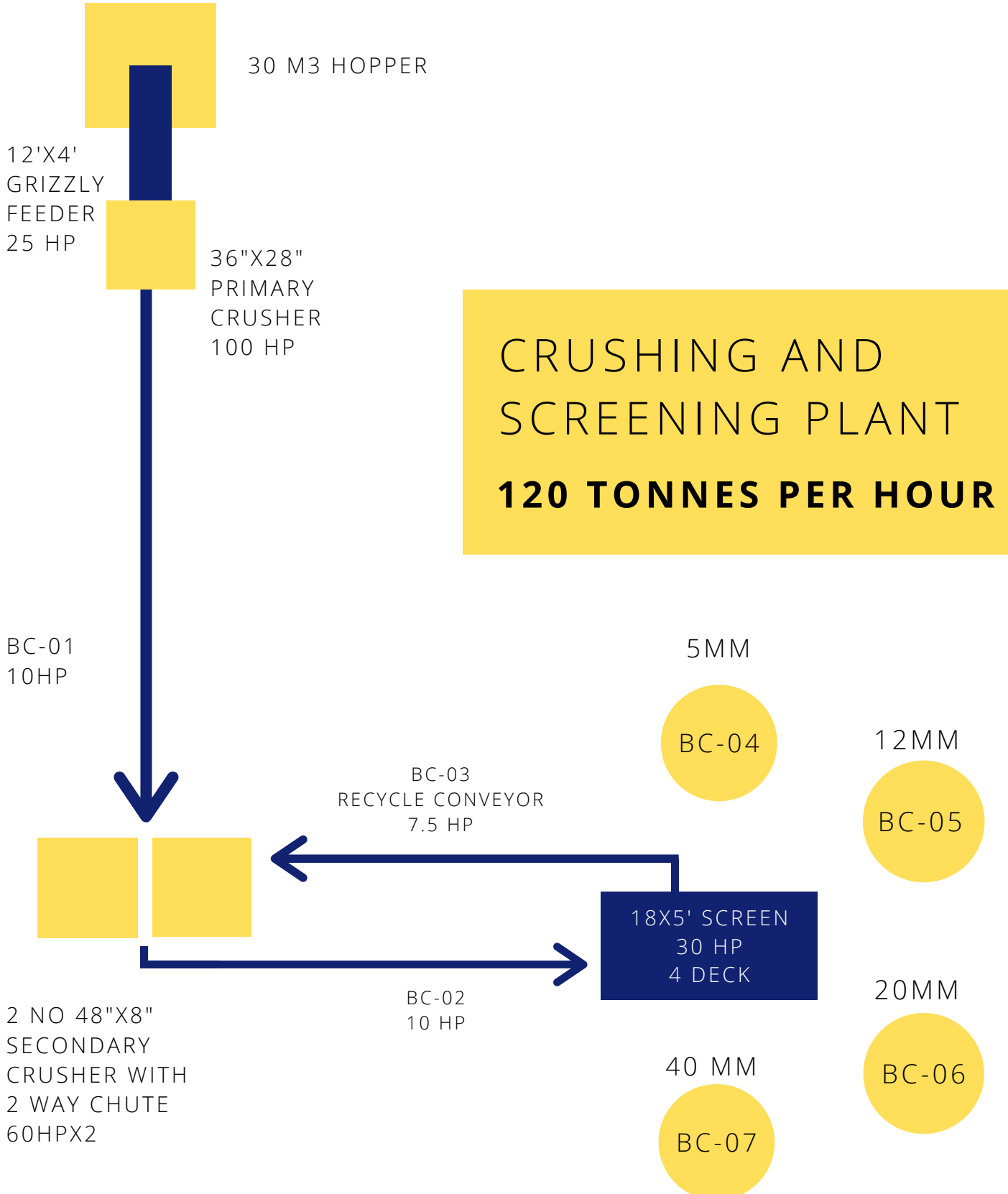
BPA PROJECTS

WWW.CRUSHERSAGARWALLA.COM



RAMP ROAD 120TPH PLANT- JAW/JAW

FEED: 0-650MM
POWER 325 HP





CRUSHING MEDIOCRITY.

BPA SOLUTIONS FOR AGGREGATES CRUSHING AND SCREENING ARE BUILT USING PRE-DESIGNED MODULES, WHICH ALLOW QUICK DELIVERY AND EASY ASSEMBLY TO GET YOUR PLANT UP AND RUNNING IN THE TIME YOU WANT. WHETHER YOU ARE BUILDING A COMPLETELY NEW PLANT OR UPGRADING YOUR EXISTING PLANT, BPA PROVIDES HIGH EFFICIENCY AND INDUSTRIAL PERFORMANCE FOR QUICK RETURN ON INVESTMENT.

WHAT DO WE OFFER



QUALITY

EACH SOLUTION IS CAREFULLY SELECTED TO MEET YOUR NEEDS OF PRODUCTION & QUALITY. ALL OUTSOURCED EQUIPMENTS AND MATERIALS ARE OF REPUTED MAKE TO ENSURE EFFORTLESS AFTER SALES NETWORK AND SERVICE.



SAFETY

EACH SOLUTION IS EQUIPPED WITH STANDARD SAFETY FEATURES INCLUDING ELR, CBCTS AND STANDARD FEATURES OF THE CONTROL SYSTEM WITH EMERGENCY STOPS ON ALL MACHINERIES.



EXPERIENCE

WITH OVER 75 YEARS OF INDUSTRY EXPERIENCE AND INNOVATION, STATE OF THE ART R&D AND 24X7 SERVICE, WE ARE RELIABLE PARTNERS IN CRUSHING.



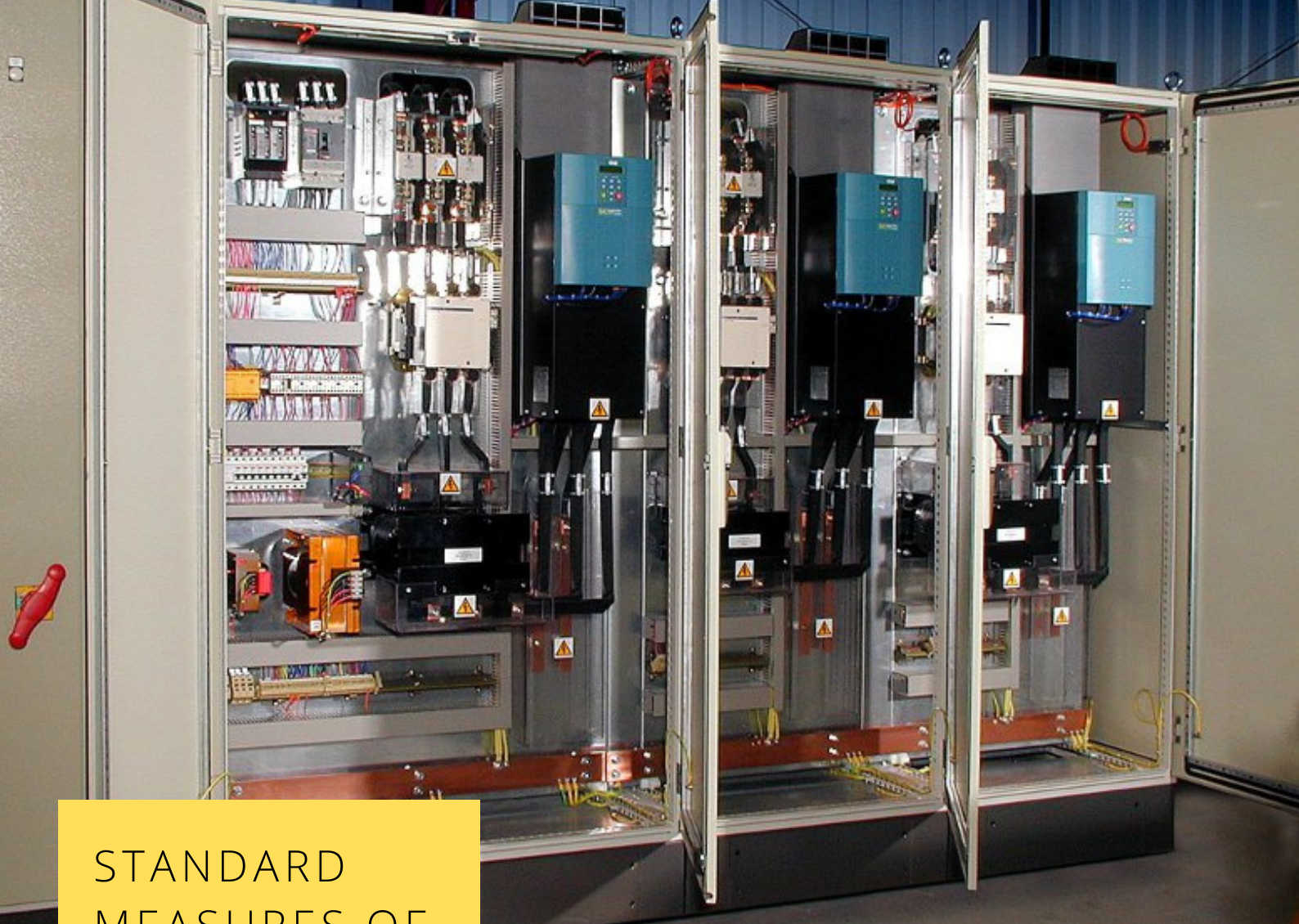
TOTALITY

BPA IS A ONE STOP SHOP WHERE EACH PLAN DELIVERY INCLUDES EQUIPMENT, MACHINES, CONVEYORS; ALL STEEL WORKS, ELECTRICAL CABINETS AND ACCESSORIES AND SERVICES INCLUDING PLANNING, TRANSPORTATION, INSTALLATION AND COMMISSIONING.



ECONOMY

WE ENSURE SAVINGS OF
OVER 30% IN CAPEX



STANDARD MEASURES OF PLANT SAFETY



CABLING AND ELECTRICALS



CONTROL PANELS



INTERLOCKING & OTHER FEATURES

CABLING & ELECTRICALS

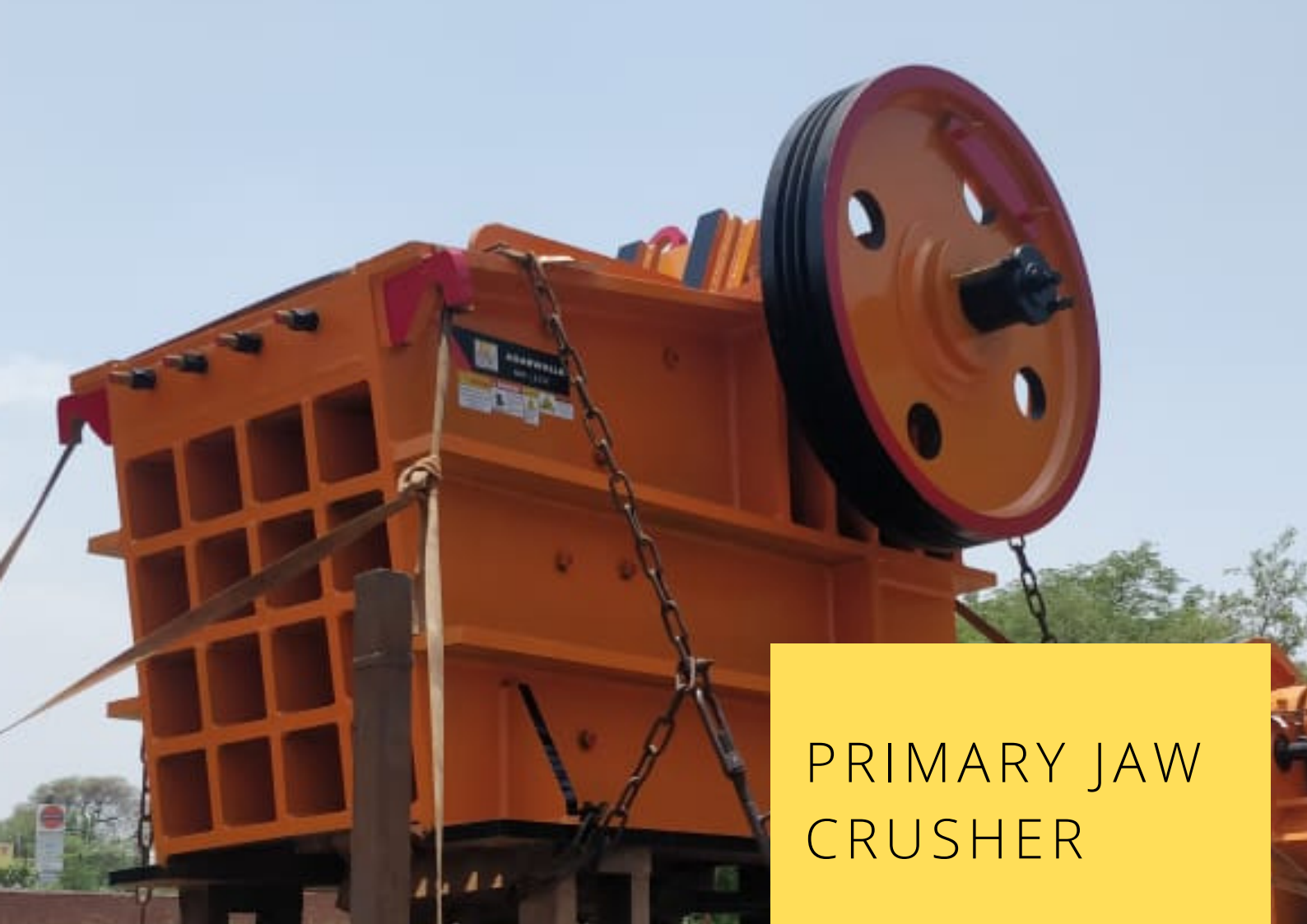
BPA PROVIDES STANDARD HEAVY DUTY 4CORE ALUMINIUM ARMoured CABLING FOR THE ENTIRE PLANT'S ELECTRICAL WORKS. ALONG WITH THAT, WE ALSO HAVE HIGH ENERGY EFFICIENCY IE-2 MOTORS OF REPUTED MAKE. IE-3 MOTORS ARE AVAILABLE AS AN ADD-ON ALONG WITH COPPER CABLING AS A VIABLE OPTION FOR POWER SAVINGS.

CONTROL PANEL

REPUTED MAKE SWITCHGEARS ARE USED WITH GLOBAL WARRANTY TO SUPPORT ON SITE TECHNICALITIES. CONTACTORS, RELAYS, BREAKERS AND BUSBARS ARE HEAVY DUTY IN NATURE. SOFT STARTERS AND VARIABLE FREQUENCY DRIVES CAN ALSO BE INCORPORATED WITH PROGRAMMABLE LOGIC CIRCUITS AND HMI FEEDBACK UPON REQUEST.

INTERLOCKING & OTHER FEATURES

PLANT IS EQUIPPED WITH INTERLOCKING OF ESSENTIAL EQUIPMENTS ON TRIP AND FAIL MECHANISM FOR SEQUENTIAL CONTROL. MACHINERY IS PROVIDED WITH WALKWAYS TO ENSURE EASE IN MAINTENANCE AND SAFE WORKING STANDARDS. CONVEYORS PULL CHORDS AND SWAY SWITCHES ARE ADDED ON REQUEST. PANEL SAFETY COMPRISING OF ELRS AND CBCTS ALSO COME AS AN ADD-ON FEATURE



PRIMARY JAW CRUSHER

SIZE: 36"X28"

POWER: 100 HP

FEED OPENING: 750 MM

MACHINE WEIGHT:
39,500 LBS

TOGGLE MECHANISM:
SINGLE TOGGLE

LUBRICATION:
GREASE COOLED

CSS ADJUSTMENT:
MECHANICAL

THESE HEAVY DUTY MACHINES ARE THE PERFECT SOLUTION TO OPTIMISE YOUR CRUSHING CHAMBER, LARGE BOULDER SIZE, REDUCING THE COST OF MINING AND BREAKING, DECREASING YOUR INPUT COST OF BOULDER WHICH GIVES YOUR INCREASED MARGINS AND PROFITABILITY. A SINGLE OF THIS MACHINE AT ITS MAXIMUM THROUGHPUT CAN EASILY GO BEYOND 400 TPH.

THESE MACHINES ARE FULLY FABRICATED WITH MILD STEEL HEAVY DUTY PITMAN FOR GREATER STRENGTH LIFE. IT COMES WITH AN OPTIONAL MODULAR ATTACHMENT, A BOTTOM SKID STRUCTURE MADE FROM C SECTIONS AND I SECTIONS. BELT GUARDS AND ANTI VIBRATION PADS CAN BE ARRANGED ON REQUEST. IF USED FOR PRIMARY ATTACHMENTS, ITS THROUGHPUT AT -10 INCHES CAN GO ALL THE WAY UPTO 250 TONS PER HOUR.



SECONDARY CRUSHING STATION

SIZE: 48"X8"

POWER:50-60 HP

FEED OPENING: 200MM

MACHINE WEIGHT:
26,500 LBS

TOGGLE MECHANISM:
SINGLE TOGGLE

LUBRICATION:
GREASE COOLED

CSS ADJUSTMENT:
MECHANICAL

GAP ADJUSTMENT:
SHIM PLATES

BPA OFFERS INDUSTRY'S MOST HEAVY DUTY SECONDARY CRUSHER MACHINE IN LINE WITH BRITISH ASSEMBLY STANDARDS FOR HARD STONE APPLICATIONS. CR-SI-MN-MO SAE 4140 (42CR, MO4) STEEL ECCENTRIC SHAFT IS X-RAY PASSED BEFORE BEING FITTED IN THE MACHINE. IT COMES ALONG WITH A HEAVY DUTY I SECTION BASE FRAME AND ANTI VIBRATION PADS ON REQUEST. STANDARDIZED PARTS AND ACCESSORIES ARE USED TO ENSURE EASE OF MAINTENANCE GLOBALLY.

EACH MACHINE IS FULLY FITTED WITH MILD STEEL FABRICATION STRUCTURES AND ALLOY STEEL CAST ITEMS. HIGH MANGANESE- CHROME CASTINGS ARE USED IN WEARING PARTS WITH OVER 18% COMPOSITION OF ALLOYS. ADJUSTING RODS AND EXTRA SHIM PLATES COME AS A STANDARD ACCESSORIES. FOR THE OVERSEAS MARKET, DRAWINGS FOR THE NON WEARING EMERGENCY PARTS ARE ALSO PROVIDED IN CASES OF EMERGENCY ENSURING PARTS ARE PROCURED LOCALLY WITH MINIMUM DOWNTIME.



SCREENING SECTION (INCLINED TYPE)

SCREEN SIZE:
18'X5' - 4 DECK

MESH TYPE:
WIRE MESH

MOTOR POWER:
30 HP

CHUTES:
3 WAY FRONT +
2 WAY BOTTOM

BPA INCLINED SCREENS OFFER RELIABLE AND VERSATILE SCREENING IN AGGREGATES PRODUCTION PLANTS, QUARRIES, GRAVEL PITS AND MINING OPERATIONS. THEIR CIRCULAR MOTION AND VARIABLE SLOPE HELP YOU ACHIEVE A HIGH PRODUCTION CAPACITY AND IMPROVE PROFITABILITY.

THEY ARE CIRCULAR MOTION SCREENS, WHERE THE SHAFT LINE IS POSITIONED AT THE CENTRE OF GRAVITY RESULTING IN A CIRCULAR MOTION ON ALL POINTS OF THE SCREEN.

THE PARTICLES ARE MOVED FORWARD BY THE SCREEN MOTION AND BY THE GRAVITY EFFECT RESULTING FROM THE SCREEN ANGLE. THE TRAVEL SPEED OF THE MATERIAL IS EVEN ALL ALONG THE DECKS. THEY ARE ALSO OFTEN RECOMMENDED FOR PRIMARY APPLICATIONS WITH VERY COARSE FEED GRADATION.



PRIMARY DUMP HOPPER

30 CU M DUMP
HOPPER WITH
ADDED MS LINERS
FOR INCREASED
STRENGTH
AND HIGH WEAR LIFE

THIS MEGA STRUCTURE IS FULLY FABRICATED WITH 12MM MAIN PLATE HAVING ADDITIONAL 6MM INSIDE LINERS FOR ADDITIONAL STRENGTH AND GREATER LIFE. AVAILABLE IN 2 TYPES OF DESIGN: STANDARD V TYPE STORAGE DESIGN AND A BOX TYPE AS PER INPUT FEED SIZE OF THE CRUSHER. IT COMES WITH STANDARD DOUBLE C SECTION LEG SUPPORTS AND BRACING ANGLES. STANDARD STORAGE AREA IS 30 CU.M. FOR TRANSPORTATION EASE, ENTIRE HOPPER CAN BE OPENED UP FLAP WISE IN SKD CONDITION AND REASSEMBLED AT SITE FOR IMMEDIATE INSTALLATION.

A STANDARD 12'4' VIBRATING FEEDER IS USED TO REGULATE FEED SIZE IN THE PRIMARY BOULDER MACHINE. IT CAN EITHER BE PROVIDED WITH A VARIABLE FREQUENCY DRIVE TO CONTROL FEED INTO THE CRUSHER OR AN INDEPENDENT CONTROL PENDANT, TO OPERATE FROM THE WORKING STATION.



OPTIONAL
ATTACHMENT:

12'X5'
SCALPER

A 12'X5' SCALPER IS TO BYPASS -40MM AGGREGATES COMING FORM THE PRIMARY SECTION DIRECTLY INTO THE MAIN BELT, THEREBY REDUCING THE LOAD ON THE SECONDARY SECTION AND FULLY OPTIMISING THE PRIMARY CRUSHERS PRODUCTION CAPABILITIES.

THIS SCALPER FEEDS THE OVERSIZED MATERIAL INTO THE 4 WAY BIN, THEREBY EQUALLY DISTRIBUTING THE AGGREGATES INTO 4 SECONDARY JAW CRUSHERS THROUGH INDIVIDUAL PAN FEEDERS



OPTIONAL
ATTACHMENT:

DUMP HOPPER
EXTENSION FLAPS

FOR HIGHER STORAGE APPLICATIONS, IRREGULAR FEED QUANTITY OF PRIMARY BOULDERS AND LARGE TIP TRAILERS IN APPLICATION, WE OFFER AN EXTRA 10 CU.M OF STORAGE , BY GIVING A 4 SIDE WALLS OF 12MM EXTENTION PLATES, LINED WITH 6MM OF ARMOUR PLATES. OPTIONAL ADD-ONS OF HARDOX & LINER PLATES ARE USED ON REQUEST

EVERY STEP OF THE WAY

WEEK 0

DESIGN

WEEK 2

MANUFACTURING

WEEK 6

PRE-SHIPMENT & DELIVERIES

WEEK 8

INSTALLATIONS & TESTING

WEEK 10

TRIALS & TRAINING

WEEK 11

SERVICES & DEMO

WEEK 12

HAND OVERS





BPA AT WORK





CRUSHING & SCREENING WITH BPA



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LUCKNOW- DEVA ROAD, OPPOSITE
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WWW.CRUSHERSAGARWALLA.COM



LUCKNOW,
UTTAR PRADESH



MUMBAI,
MAHARASHTRA



GUWAHATI,
ASSAM



HYDERABAD,
TELANGANA



KOLKATA,
WEST BENGAL



CHENNAI,
TAMIL NADU



MEHSANA,
GUJARAT



BARABANKI,
UTTAR PRADESH

**FOR MORE INFORMATION ABOUT AGARWALLA MINERAL PROCESSING EQUIPMENTS AND
OTHER PRODUCTS, CONTACT A BPA TECHNICAL ADVISOR.**