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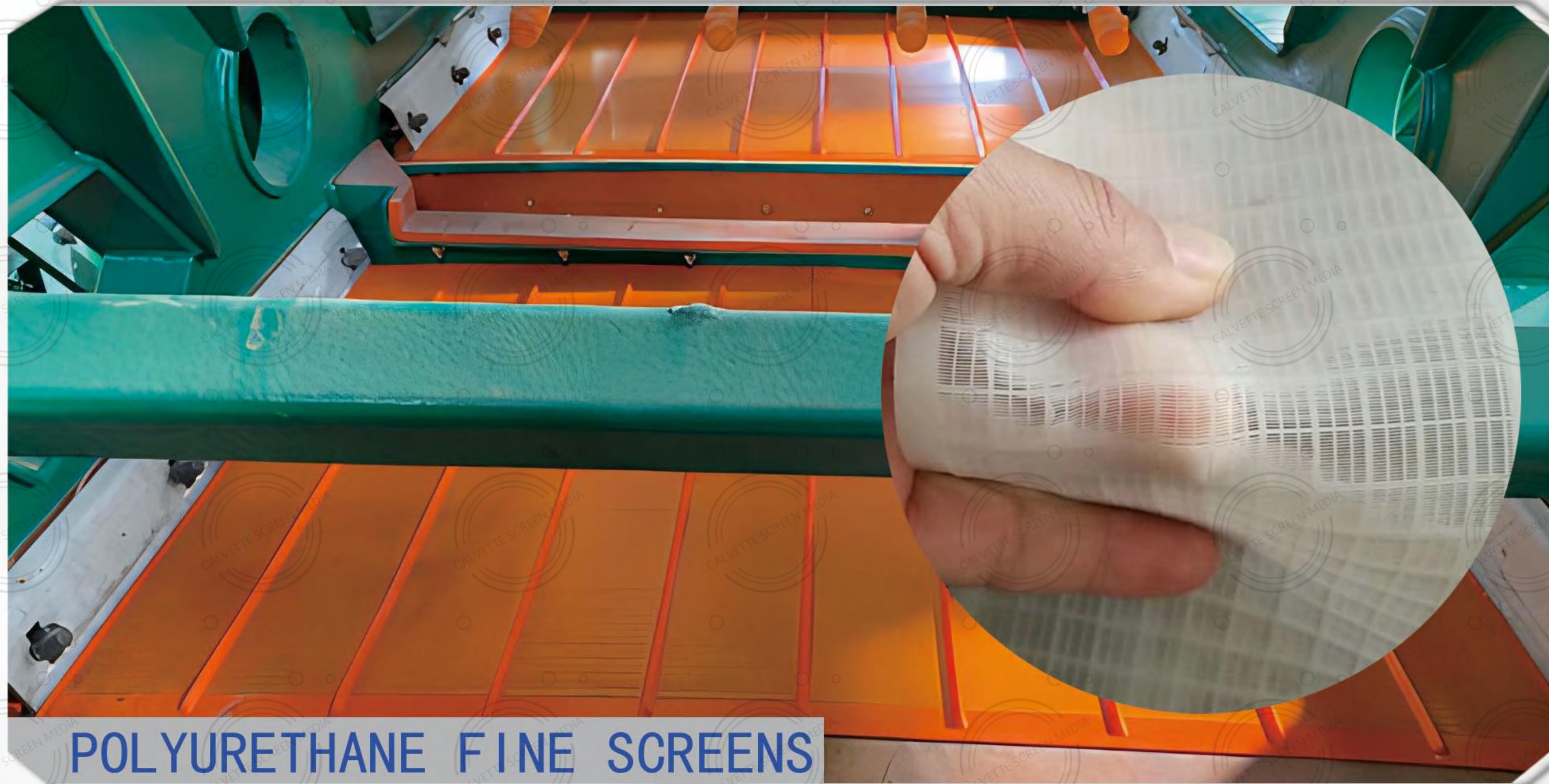


PRODUCT BROCHURE



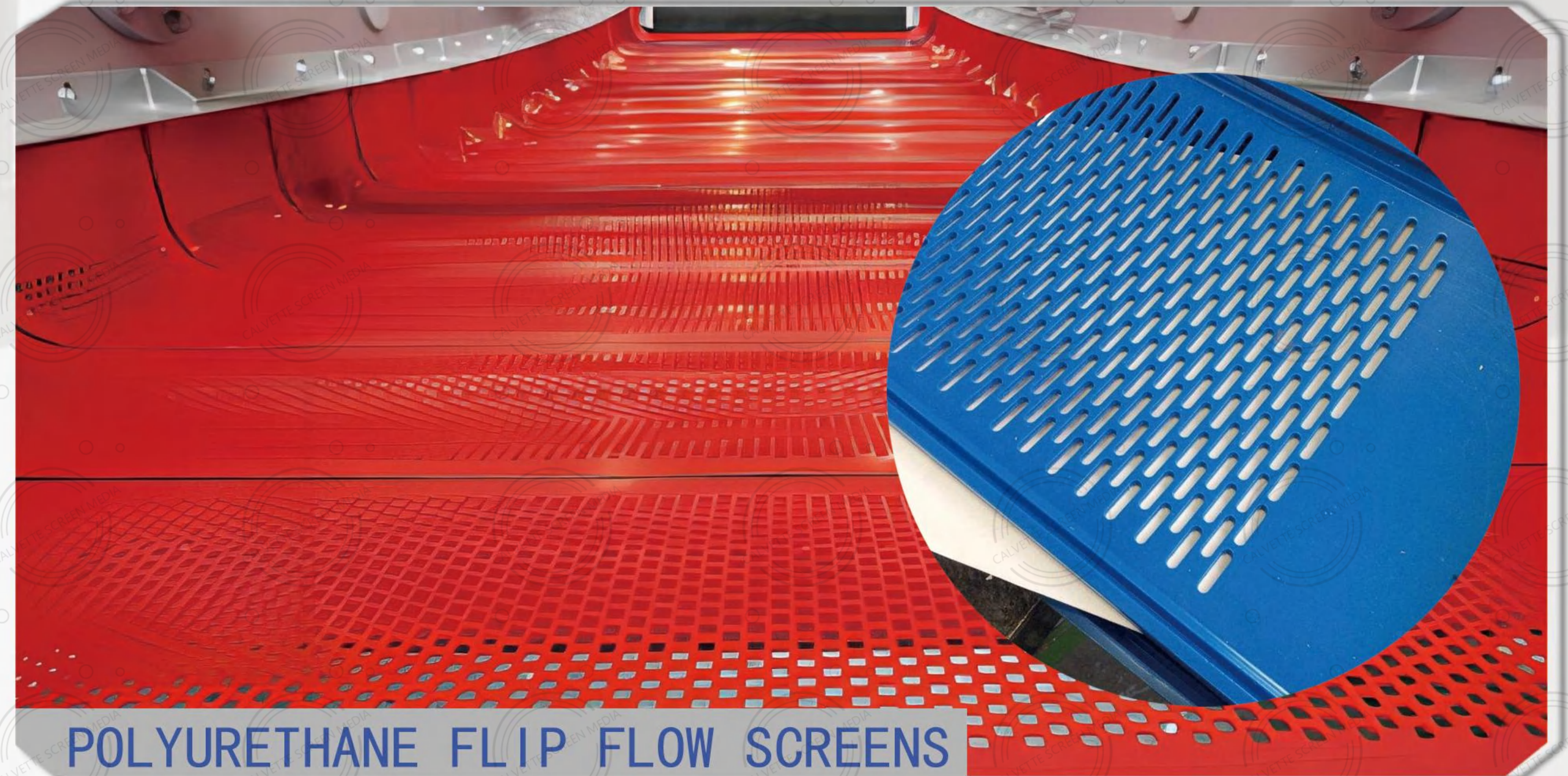
CALVETTYE

SCREENING MEDIA



POLYURETHANE FINE SCREENS

POLYURETHANE FINE SCREENS ONE-PIECE PROCESSING, LINED WITH FIBER REINFORCED MATERIALS TO IMPROVE TENSILE STRENGTH AND SERVICE LIFE AND AVOID CRACKING. THE SCREENING MATERIAL HAS A LONG FLOW AREA, FAST MATERIAL CONVEYING SPEED, AND GREATER SCREENING CAPACITY AND SCREENING EFFECT. IT HAS THE FEATURES OF FLEXIBILITY, HIGH OPENING AREA, WEAR RESISTANCE AND ANTI-BLIND AREA.



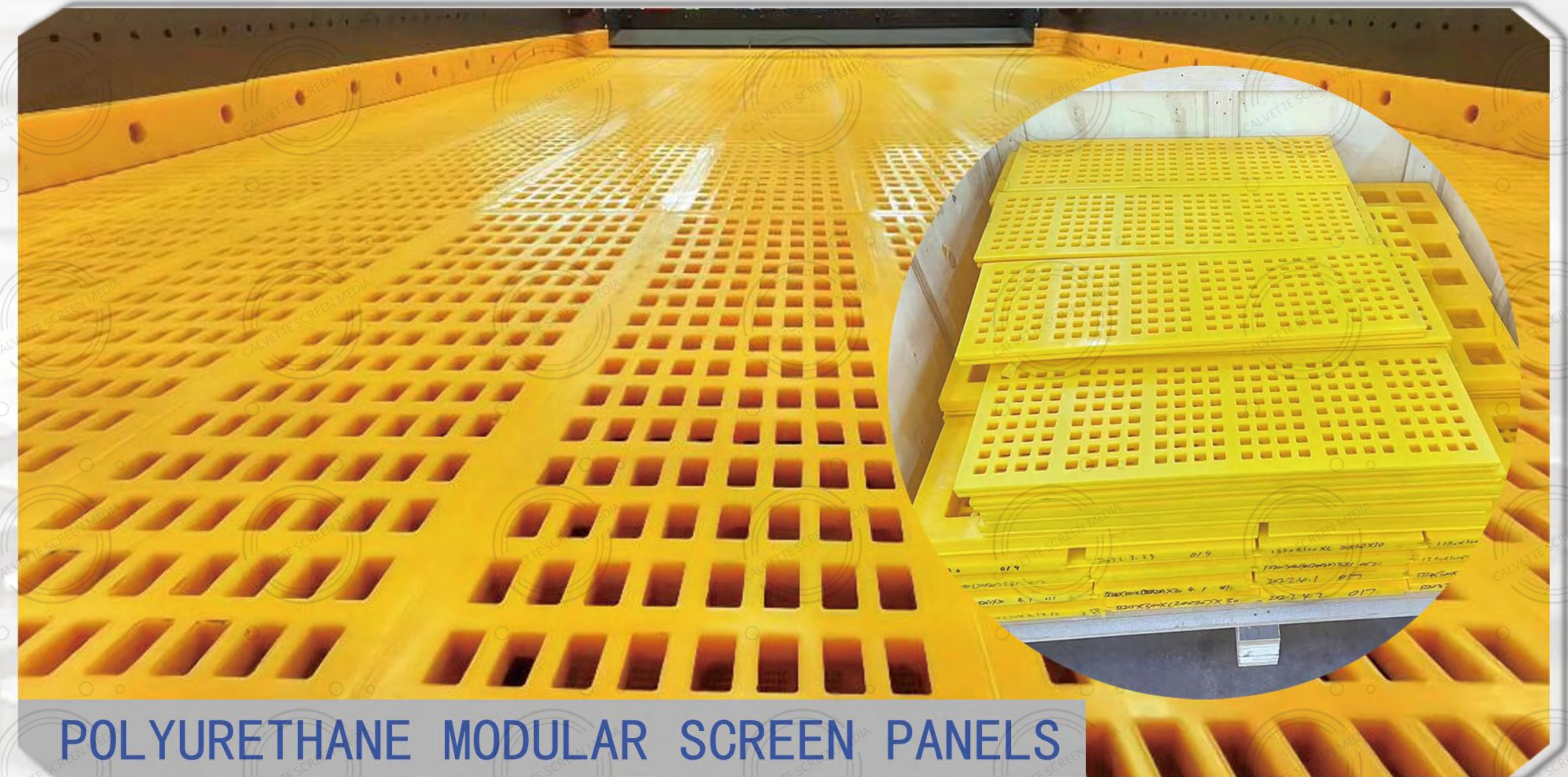
POLYURETHANE FLIP FLOW SCREENS

POLYURETHANE FLIP FLOW SCREENS (ROUND, SQUARE, OPENING ETC.) IS A GREAT SOLUTION FOR SCREENING STICKY MATERIAL, IT MOVE FREELY UNDER THE VIBRATION OF THE SCREEN BOX AND MATERIAL FALLING ONTO IT. IT HELPS TO MINIMISE CLOGGING, ESPECIALLY WHEN THE MATERIAL IS WET. SCREENS ARE LIGHT AND EASY TO CHANGE. IT WILL SAVE YOU TIME ON INSTALLATION AND REPLACEMENT. PANELS CAN BE CHANGED INDIVIDUALLY WITHOUT AFFECTING OTHERS.



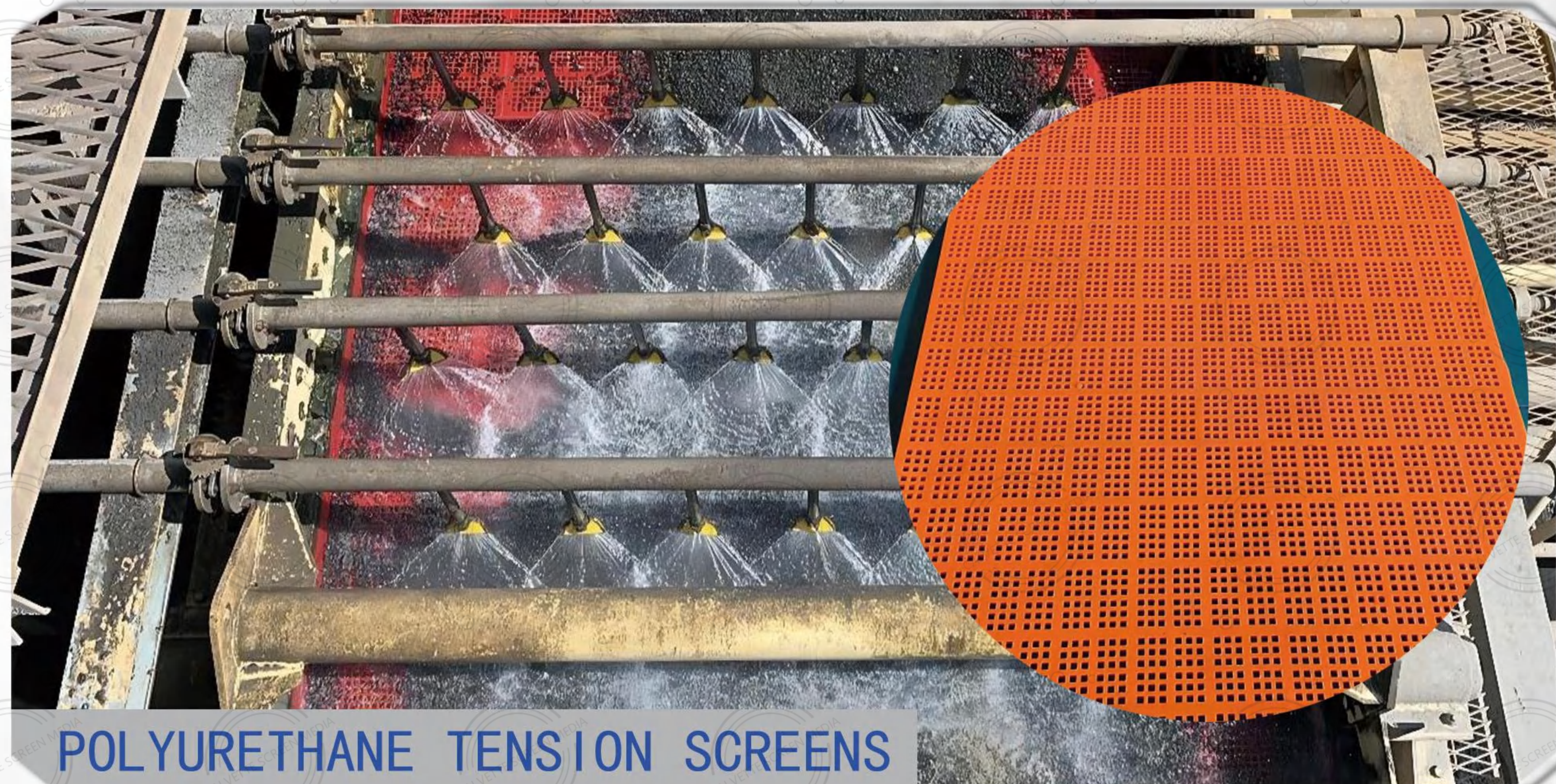
POLYURETHANE WOVEN WIRE SCREENS

POLYURETHANE WOVEN WIRE SCREENS (SQUARE, SLOTTED, OPENING ETC.) HIGH OPEN AREA, LIGHT WEIGHT (25% OF STEEL MESH), IMPROVED SCREENING EFFICIENCY. SCREEN IS MADE UP OF TWO TYPES OF ROPES WELDED TOGETHER. THE ROPE RUNNING FROM HOOK TO HOOK IS A WIRE ROPE WITH A THICK POLYURETHANE COVERING. THE SMOOTH SURFACE OF THE POLYURETHANE PREVENTS STICKING AND BLINDING, REPLACE TRADITIONAL WOVEN WIRE MESH.



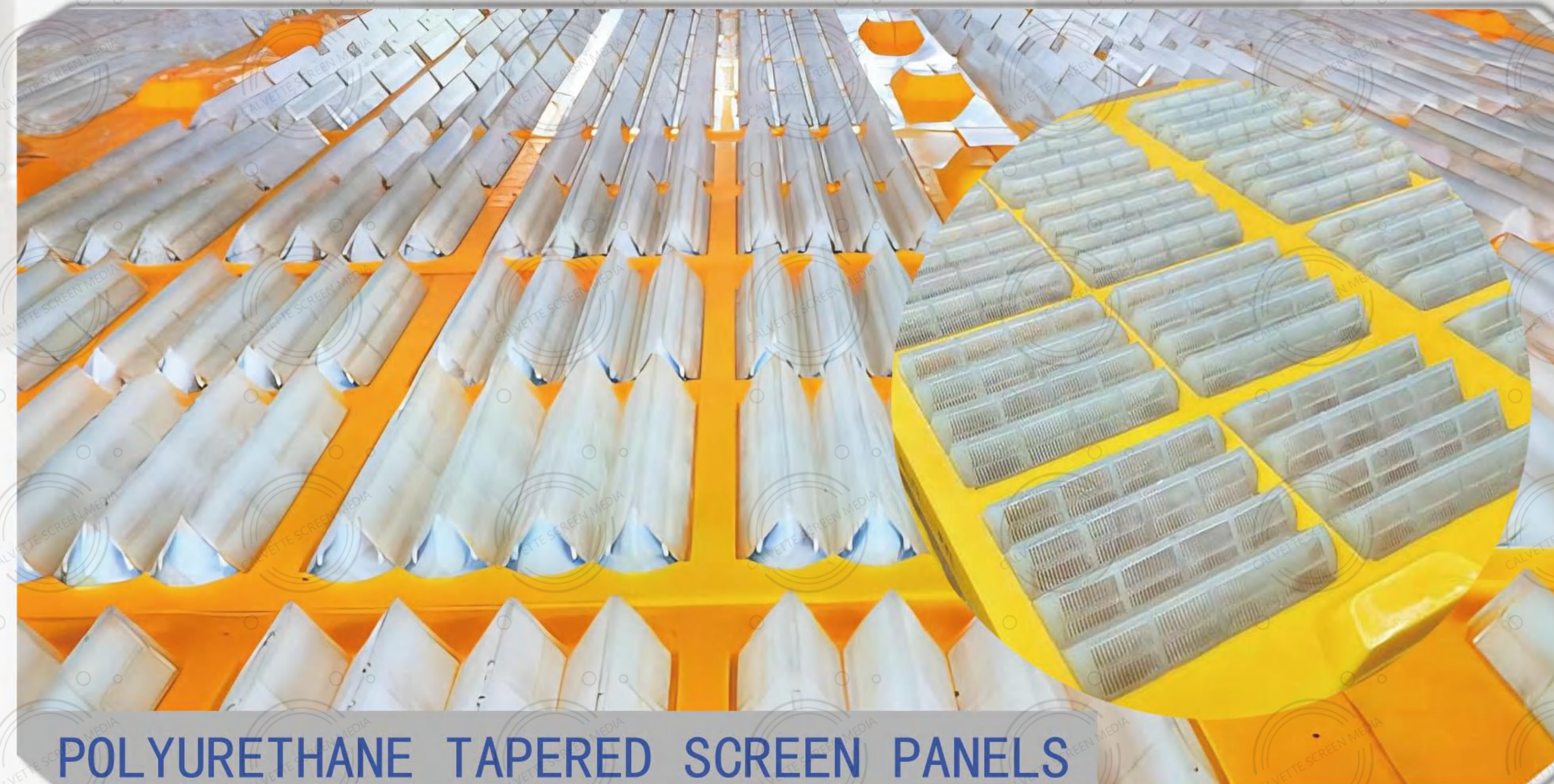
POLYURETHANE MODULAR SCREEN PANELS

POLYURETHANE MODULAR SCREENS THEIR SPECIAL DESIGN ALLOWS FOR EASY INSTALLATION WITH VARIOUS CONNECTION OPTIONS. MODULAR SCREENS CAN BE GROOVED ON THE SIDES TO SLIDE IN OR HAVE SPECIAL LOCKS THAT FIT EACH OTHER. THE PANELS CAN ALSO LOCK ONTO THE RAILS OF THE SCREEN BOX BRACING. FITTING MODULAR SCREENS WILL SAVE YOU TIME ON INSTALLATION AND REPLACEMENT. THESE PANELS CAN ALSO BE CHANGED INDIVIDUALLY WITHOUT AFFECTING OTHERS.



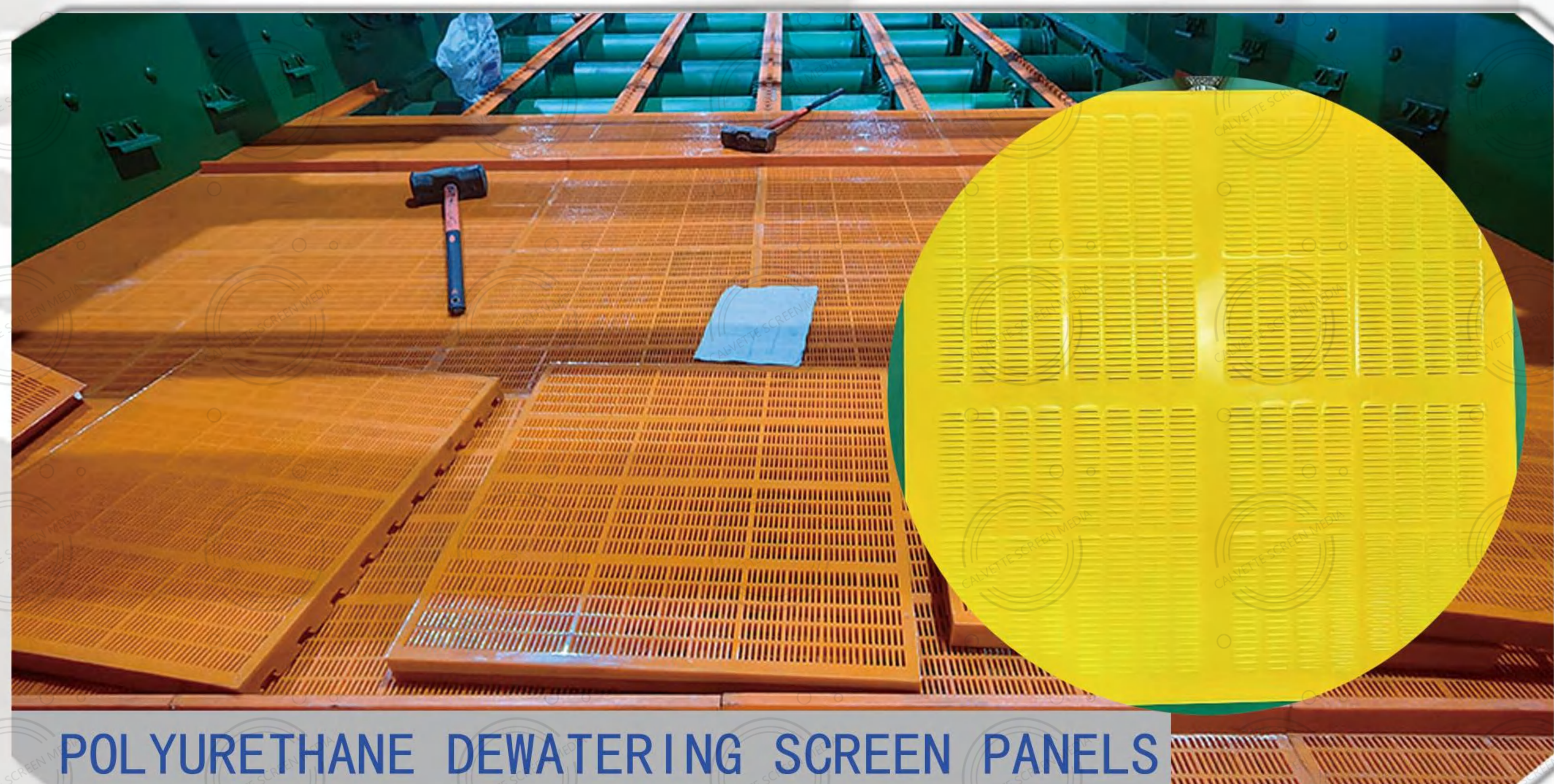
POLYURETHANE TENSION SCREENS

POLYURETHANE TENSIONED SCREENS ARE VERY COMMON AND PROVIDE THE BEST ALTERNATIVE TO WOVEN WIRE SCREENS. THESE TYPE OF SCREENS CAN BE USED IN PLACE OF WOVEN WIRE SCREENS WITHOUT ANY MODIFICATIONS TO THE SCREEN BOX. THE MAIN ADVANTAGES ARE EASE OF MODIFICATION, EXCELLENT WEAR RESISTANCE, LONG SERVICE LIFE, NO CORROSION AND LOW NOISE LEVELS DURING OPERATION.



POLYURETHANE TAPERED SCREEN PANELS

POLYURETHANE TAPERED SCREEN PANELS THE PROTRUDING "TAPERED" PART CAN ALSO INCREASE DEHYDRATION EFFICIENCY, MAKING IT EASIER FOR THE WATER INSIDE TO ESCAPE. THESE "TAPERED" MAKE THE MATERIALS RUN APART AT THE MOMENT OF FALLING. THE IRREGULAR MATERIALS ARE DISTRIBUTED IN EACH DIVERSION GROOVE. THERE ARE SCREEN HOLES ON BOTH SIDES OF THE DIVERSION, WHICH INCREASES THE AREA AND IMPROVES THE DEWATERING PERFORMANCE.



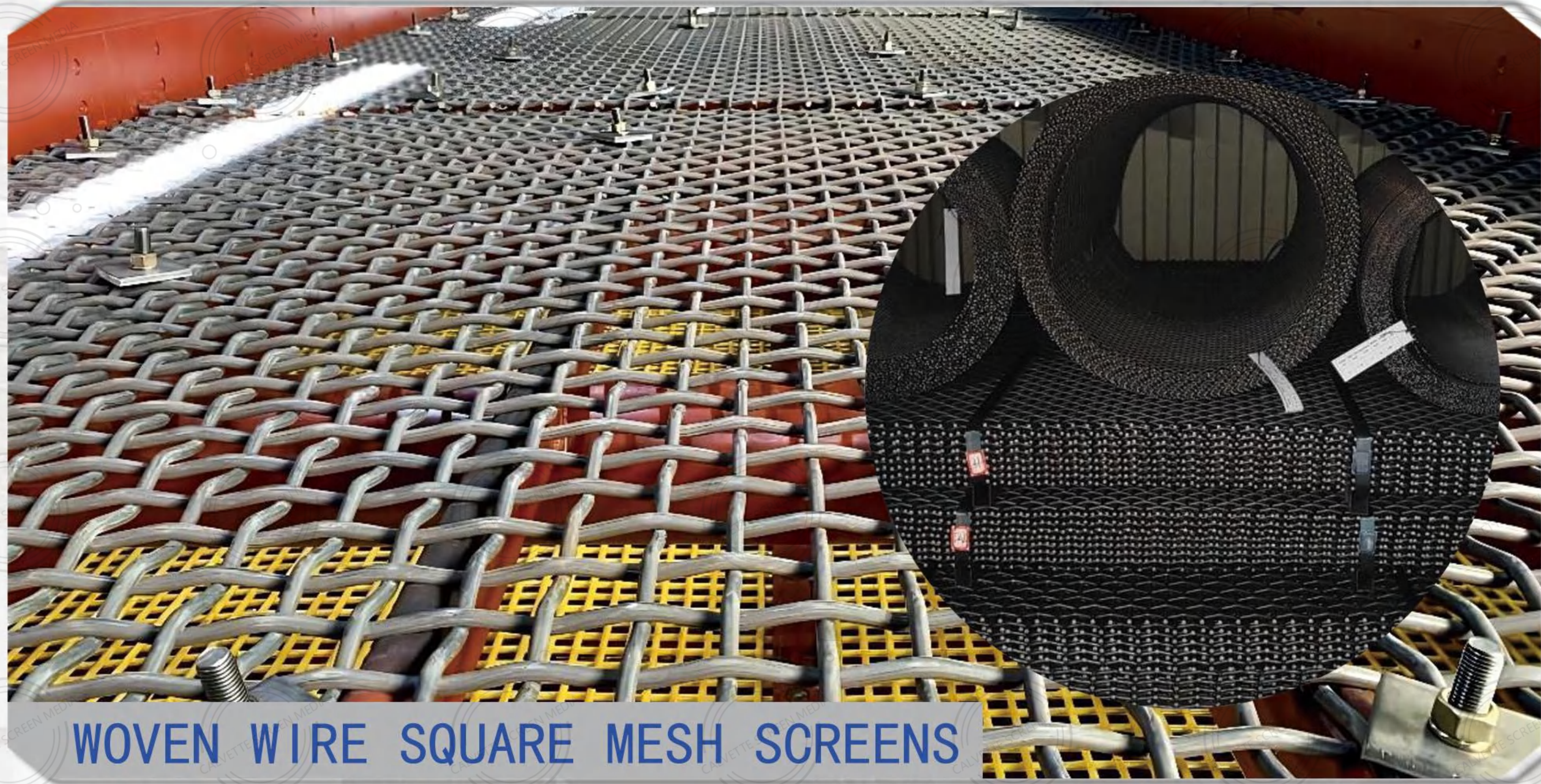
POLYURETHANE DEWATERING SCREEN PANELS

POLYURETHANE DEWATERING SCREEN PANELS USED TO RESTRICT FLOW OF MATERIAL AND REDUCE BED DEPTH TO ASSIST IN THE DEWATERING OF SCREEN MATERIAL. THESE PANELS ALSO PROVIDE A RAMP WHICH HELPS MAXIMIZE SCREEN WASHING CAPABILITIES. FITTING DEWATERING SCREENS WILL SAVE YOU TIME ON INSTALLATION AND REPLACEMENT. THESE PANELS CAN ALSO BE CHANGED INDIVIDUALLY WITHOUT AFFECTING OTHERS.



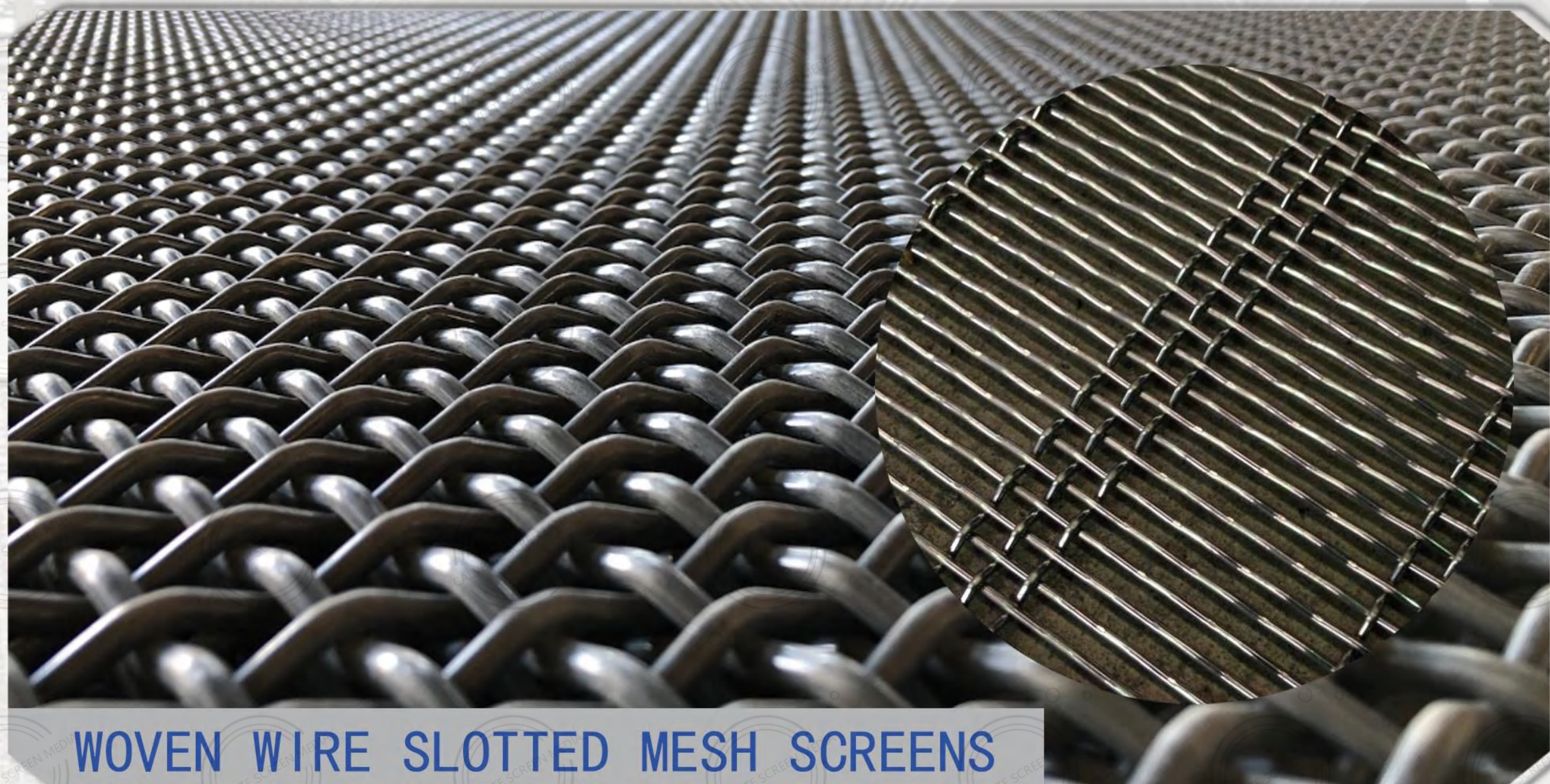
RUBBER SELF CLEANING SCREENS

RUBBER SELF CLEANING SCREENS UNDER A CERTAIN VIBRATION FREQUENCY AND AMPLITUDE, IT REPEATEDLY VIBRATES, DEFORMS AND RECOVERS, CAUSING THE DRY, WET VISCOUS FINE-MEDIUM-GRAINED MATERIALS TO BOUNCE UP AND SHAKE OFF THE SCREEN. LOW HARDNESS, HIGH REBOUND, MAINTAIN HIGH ELASTICITY DURING VIBRATING SCREENING PROCESS, IMPROVE THE SELF-CLEANING FUNCTION, REDUCE DOWNTIME WHILE IMPROVING PRODUCTION EFFICIENCY.



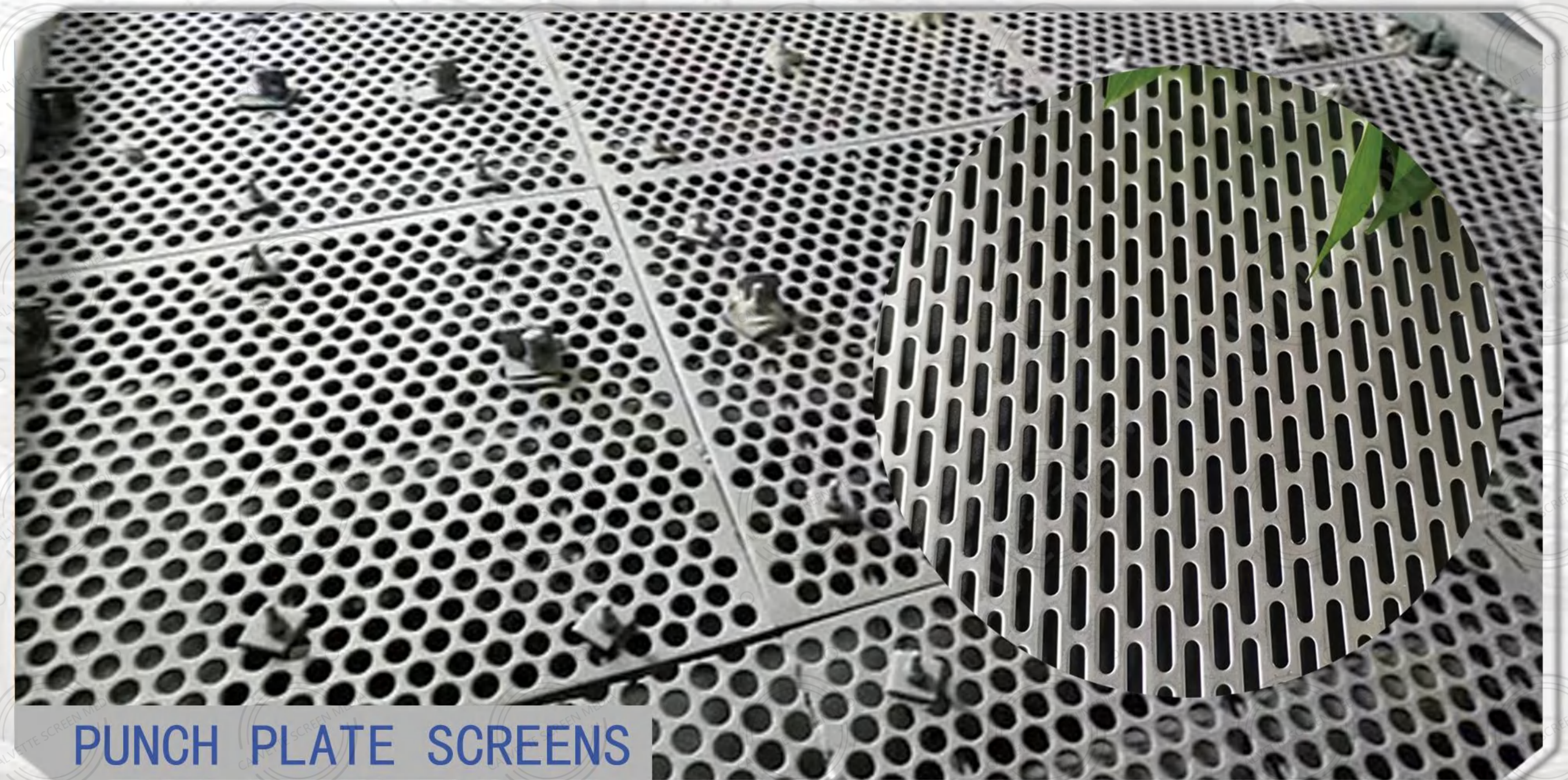
WOVEN WIRE SQUARE MESH SCREENS

WOVEN WIRE SQUARE MESH SCREENS. PRECISION IN THE APERTURES, EXCELLENCE IN GRANULOMETRIC ACCURACY AND HIGH RESISTANCE. WIRE SCREEN BUILT WITH PREVIOUSLY CORRUGATED WIRES IN BOTH DIRECTIONS. IT HAS EXCELLENT WEAR RESISTANCE AND CORROSION RESISTANCE. THE IRREGULARITY OF THE SURFACE PROVIDES AN OUTSTANDING SIEVING EFFICIENCY BY MAKING SURE THE MATERIAL IS REQUIRED TO JUMP MAXIMIZING THE SCREENING AS WELL AS PRODUCTION.



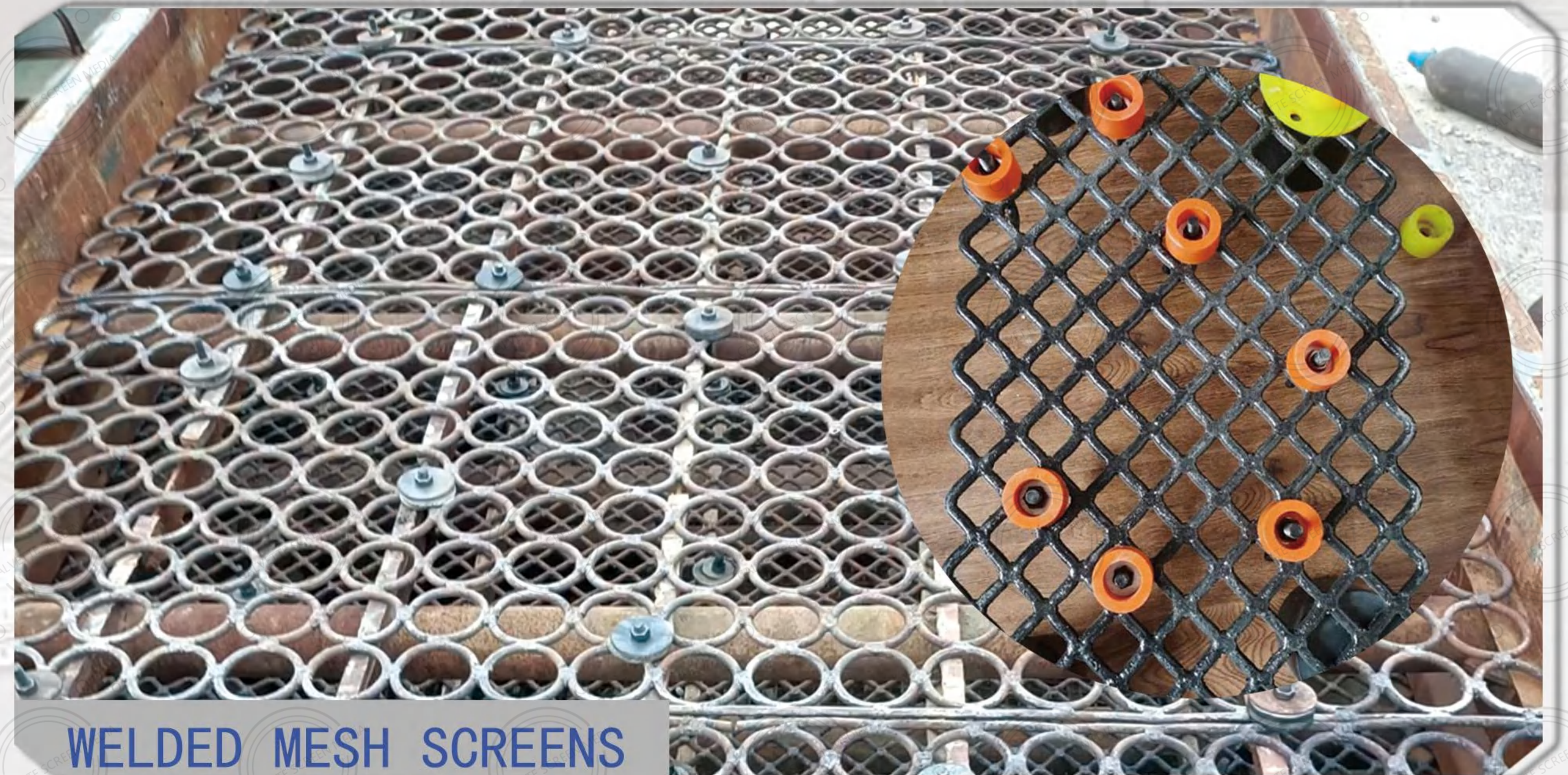
WOVEN WIRE SLOTTED MESH SCREENS

WOVEN WIRE SLOTTED MESH SCREENS IS PRODUCED WITH DOUBLE OR TRIPLE CROSS WIRES. THIS GIVES AN EVEN GREATER OPEN AREA, IN ADDITION TO HIGHER PRODUCTION THAN REGULAR OR SQUARE. FURTHERMORE, LONG SLOT MESH DECREASES THE RISK OF CLOGGING OR BINDING. SLOTTED MESH IS A GOOD ALTERNATIVE TO HARP WIRE SCREENS, AS THEY'RE MUCH MORE ROBUST WHILST STILL GIVING A HIGH OUTPUT.



PUNCH PLATE SCREENS

PUNCH PLATE (SQUARE, ROUND, OPENING ETC.): WHEN THE MATERIAL BEING SCREENING IS HIGHLY ABRASIVE AND HIGH IMPACT WEAR PROBLEM, LARGE AND/OR HEAVY, PUNCH PLATE IS AN IDEAL CHOICE, DUE TO ITS GREATER STIFFNESS AND STRENGTH, USED TO SCREENING DIFFERENT MATERIALS, SIEVE WITH PRECISE DIMENSIONS, ENSURES EFFICIENT SCREENING OF AGGREGATES AND OTHER MATERIALS.



WELDED MESH SCREENS

WELDED SCREENS (SQUARE, ROUND, OPENING ETC.): IDEAL FOR STONE QUARRY, DEPENDING ON THE NEEDS OF THE APPLICATION, PROVIDING ROBUST SCREENING AND SCALPING SOLUTIONS FOR LARGER MATERIALS. ENABLING YOU TO CONTROL THE FLOW OF MATERIALS OVER THE SCREEN. SUCH AS REMOVING OVERSIZED MATERIALS, SEPARATING DIFFERENT SIZE FRACTIONS, OR PREVENTING THE BUILDUP OF DEBRIS.



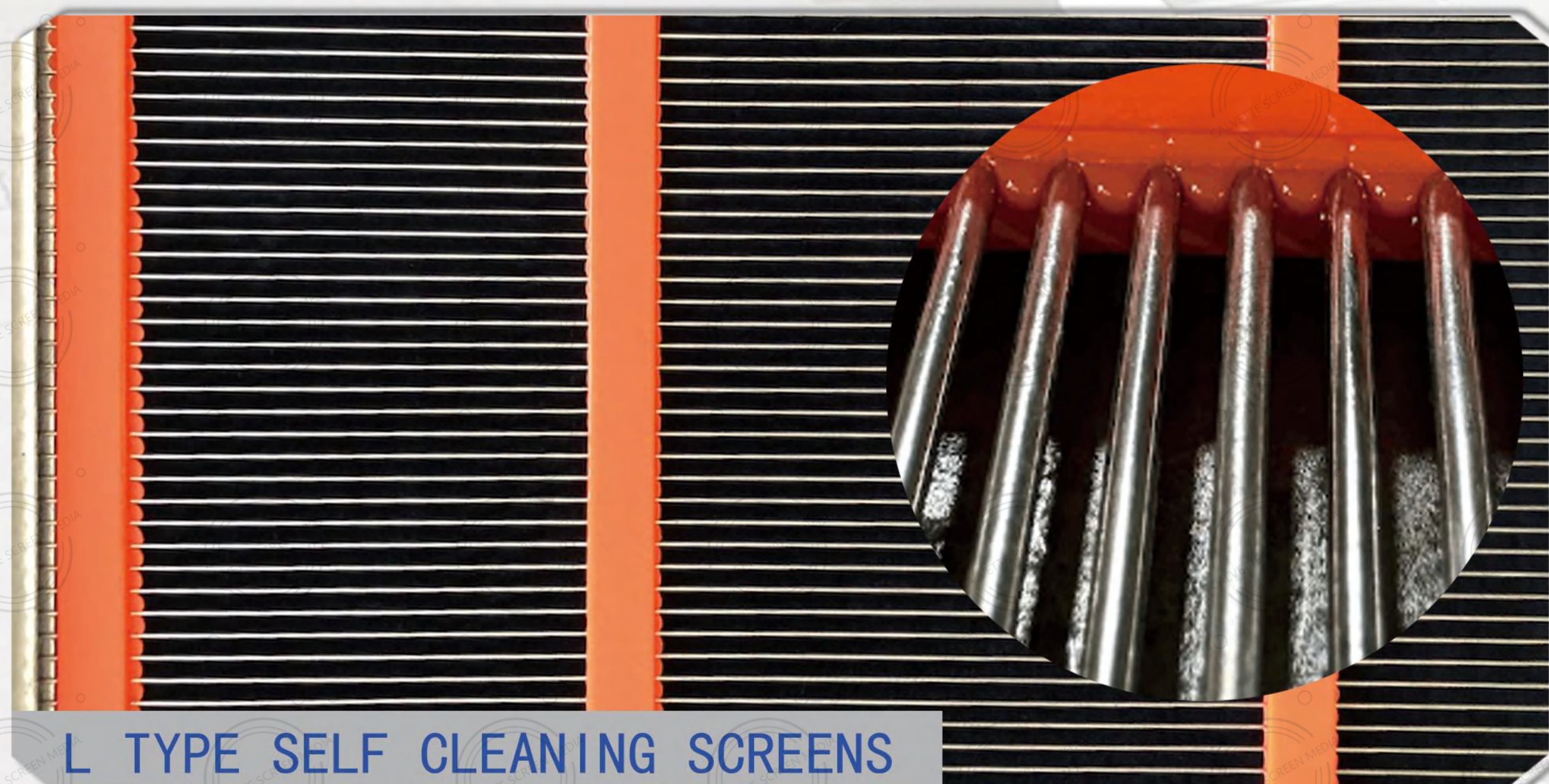
D TYPE SELF CLEANING SCREENS

TYPE “D” (TRIANGULAR OPENING): THE SIEVE CONSISTS OF ALTERNATING WAVE WIRES AND STRAIGHT WIRES. SCREENING SURFACES ARE IN THE SAME PLANE. IMPROVE ACCURACY BY ADDING STRAIGHT WIRES BETWEEN CRIMP WIRES. DUE TO THE STRUCTURE TYPE, GREATER WEAR RESISTANCE AND RIGIDITY CAN BE OBTAINED, IMPROVE CLASSIFICATION ACCURACY. VERY EFFECTIVE UNDER HEAVY LOADS AND HIGHER IMPACT MATERIALS.



M TYPE SELF CLEANING SCREENS

TYPE “M” (DIAMOND OPENING): THE SIEVE IS MADE OF WAVE WIRE, WORKING SURFACE IS ARC-SHAPED, CREATE A SQUARE-LIKE OPENING. ITS INDIVIDUAL WIRES VIBRATE INDEPENDENTLY FROM ONE ANOTHER, AVOIDING MATERIAL BUILD-UP, PEGGING AND BLINDING. PRECISION SCREENING OF AGGREGATES OF ALL SIZES, COMBINATION OF SCREENING CAPACITY AND PRECISION. SCREENING CAPACITY IS 30% HIGHER THAN TRADITIONAL SIEVE.



L TYPE SELF CLEANING SCREENS

TYPE “L” (HARP OPENING): THE SIEVE IS MADE UP OF STRAIGHT WIRE THAT ARE PARALLEL TO EACH OTHER, WHICH HAS THE MAXIMUM OPEN AREA IN ALL SELF -CLEANING SERIES. TYPE L HAVE A FLAT TOP SURFACE, ARE RECOMMENDED TO REDUCE OR ELIMINATE CLOGGING PROBLEMS AND REPRESENT EXCELLENT PRODUCTION AND WEAR LIFE PROPERTIES. SINCE THEY DON’ T HAVE ANY CROSSED WIRES THEY AVOID MOST CLOGGING PROBLEMS. IT IS MOST EFFICIENTLY IN DRY SCREENING OF SAND, GRAVEL , LOAM.



Z TYPE SELF CLEANING SCREENS

TYPE “Z” (WAVE OPENING): THE SIEVE IS MADE UP OF WAVE WIRE THAT ARE PARALLEL TO EACH OTHER. ENSURE THE PRECISION OF MATERIAL SCREENING. ESPECIALLY WHEN MOISTURE CONTENT IS HIGH OR SLUDGE IS PRODUCED. IT HAS A HIGH LEVEL OF FINE POWDER PRODUCTION OR CLEANING CAPABILITIES FOR STICKY MATERIALS, REDUCES CLOGGING OF WET AND STICKY MATERIALS. IT IS USED IN SMALL APERTURE SIZES AND IN END TENSION DECKS.





DOUBLE CRIMP PLAIN WOVEN SCREEN



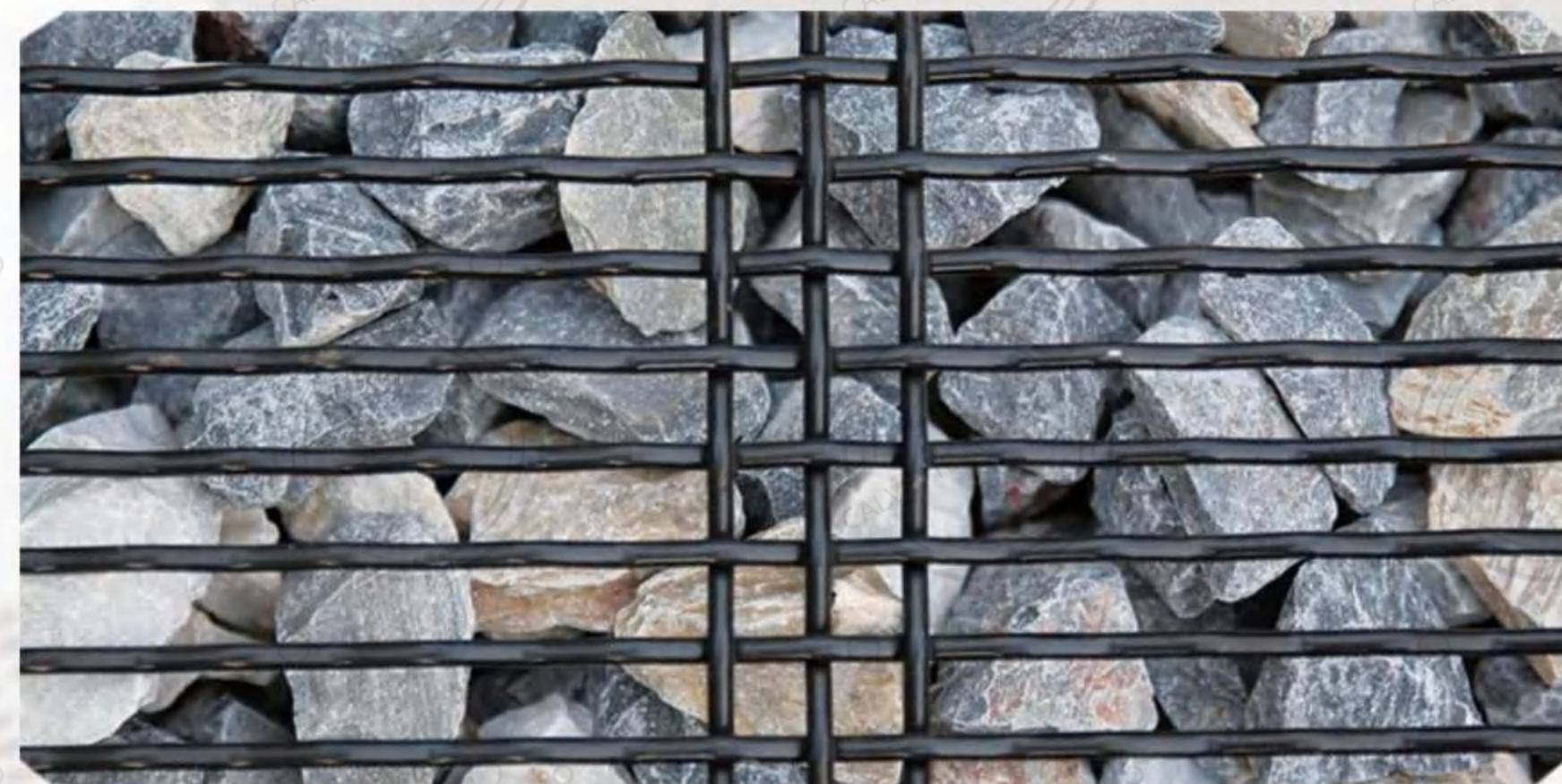
FLAT TOP WOVEN SCREEN



DOUBLE CRIMP WOVEN SCREEN



LOCK CRIMP WOVEN SCREEN



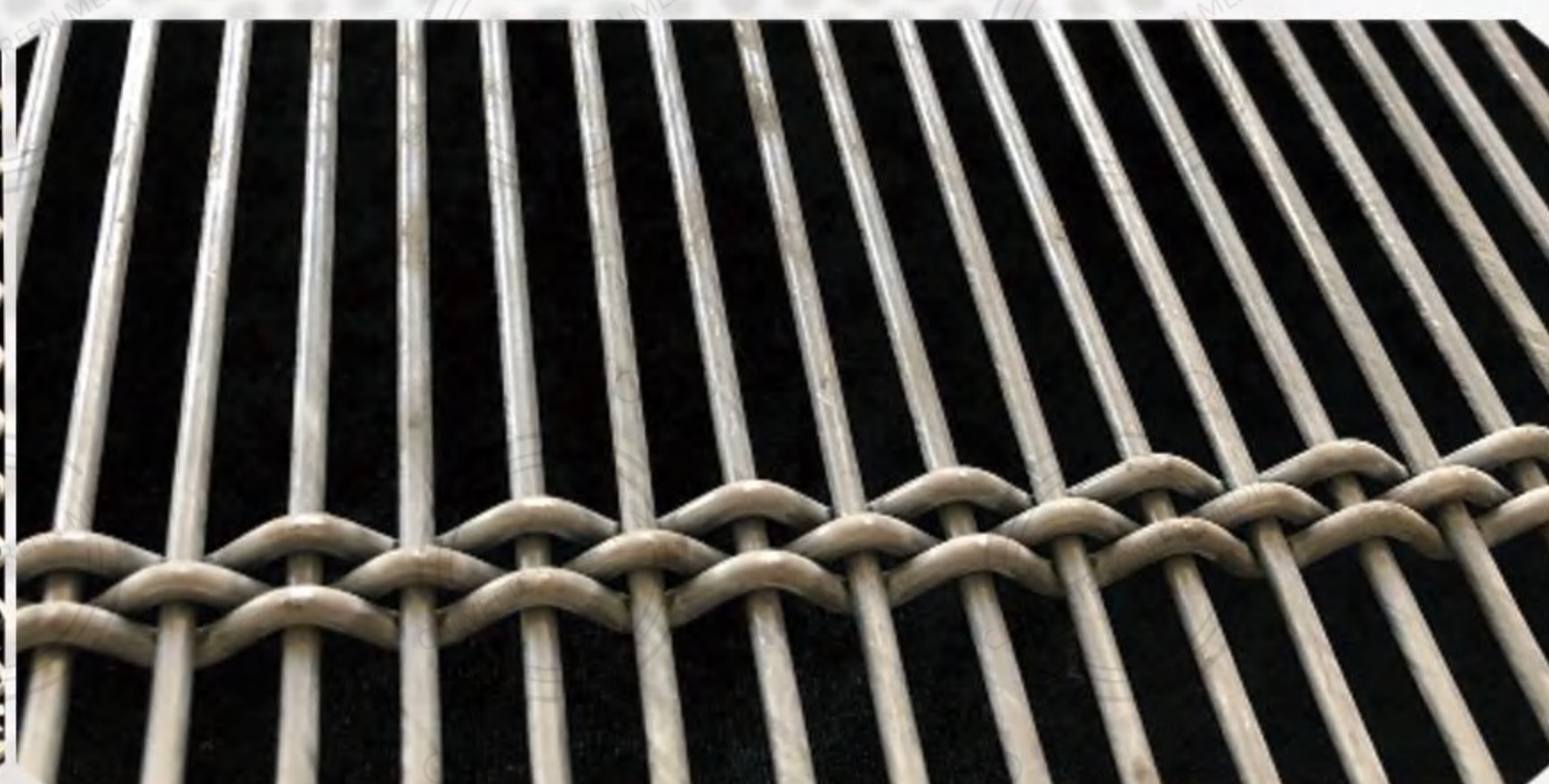
TRIPLE LONG SLOT WOVEN SCREEN



SLOT WOVEN SCREEN

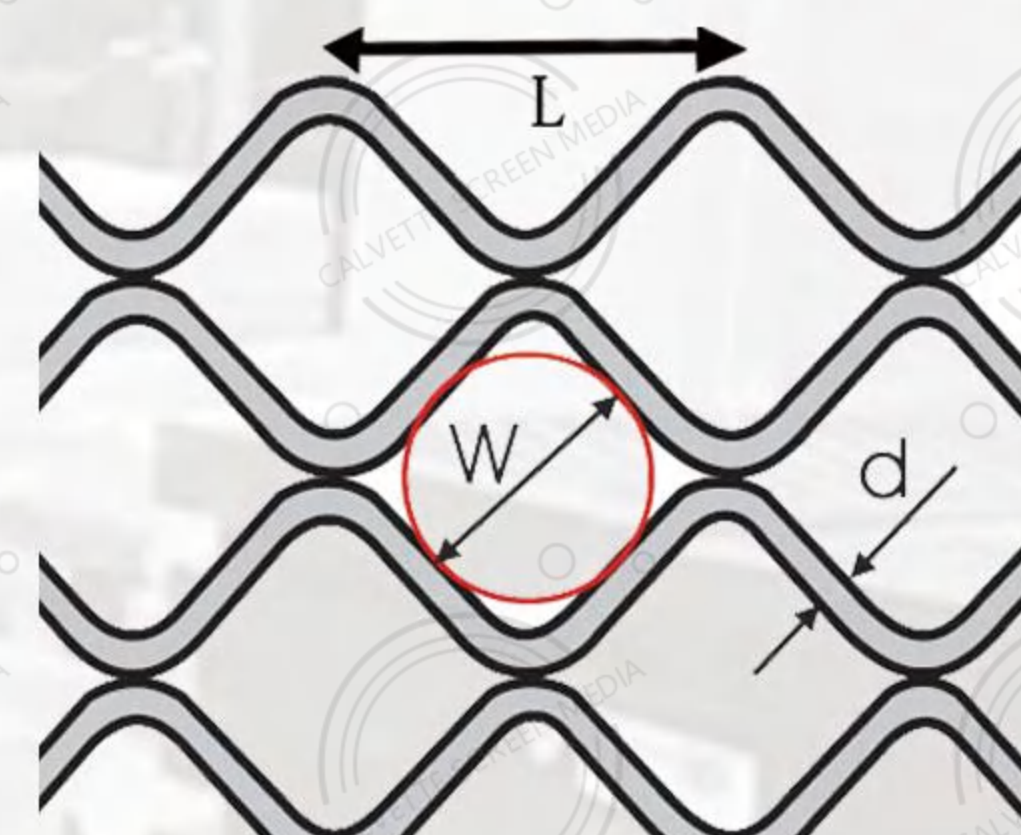
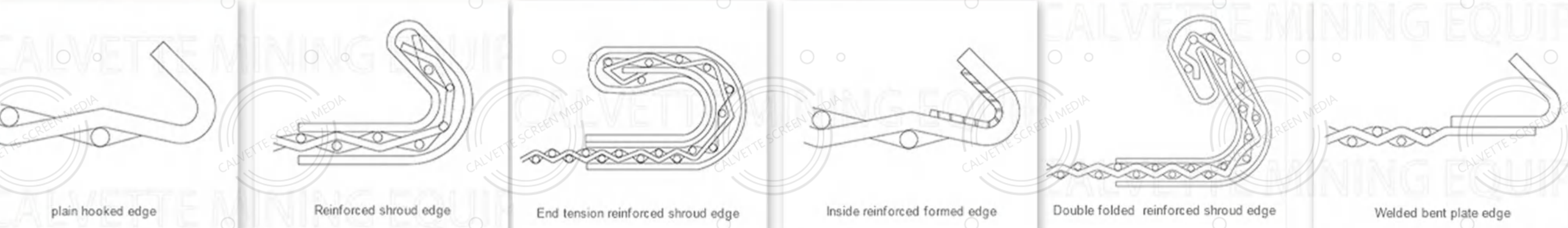


TRIPLE SELF CLEANING SCREEN

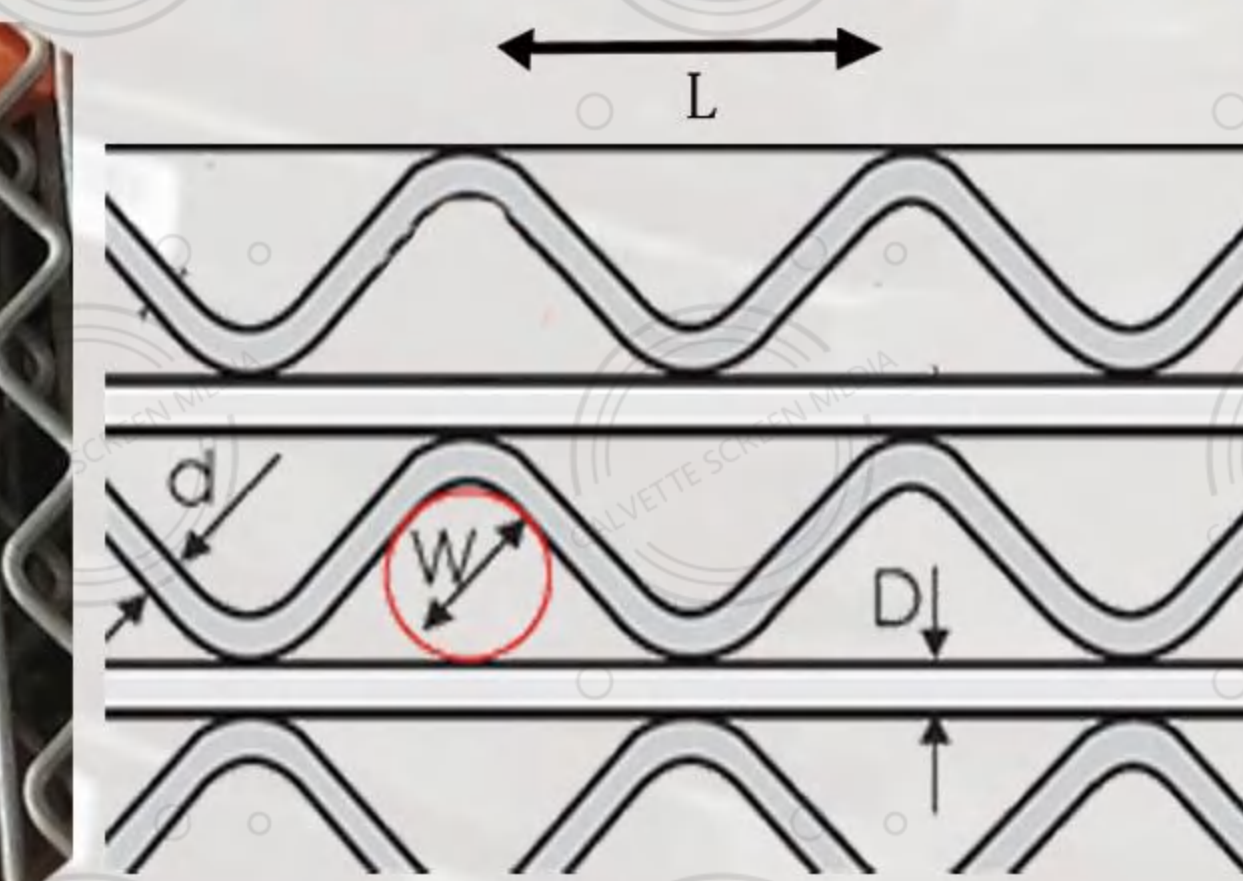
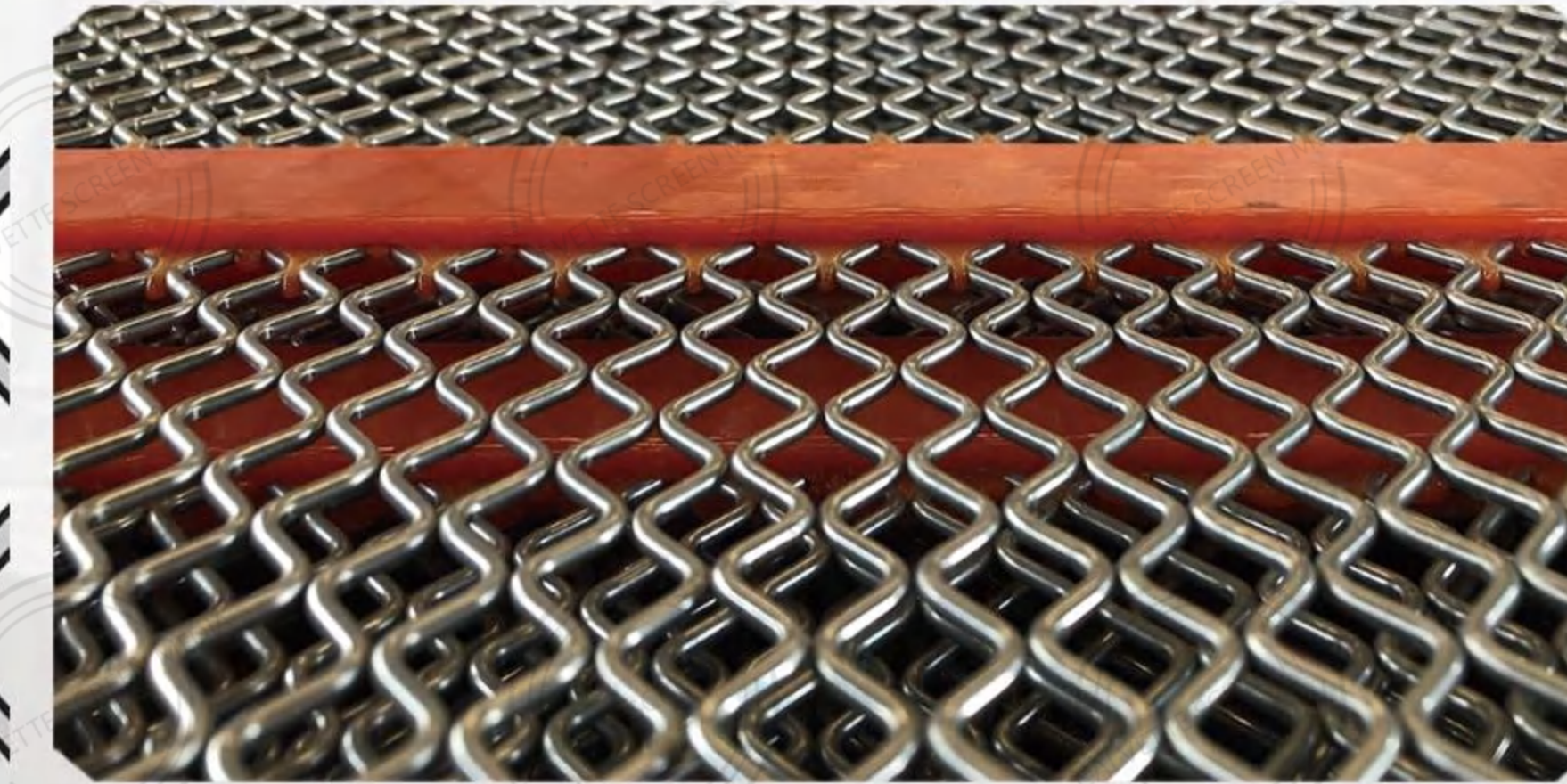


TRIPLE HARP SCREEN

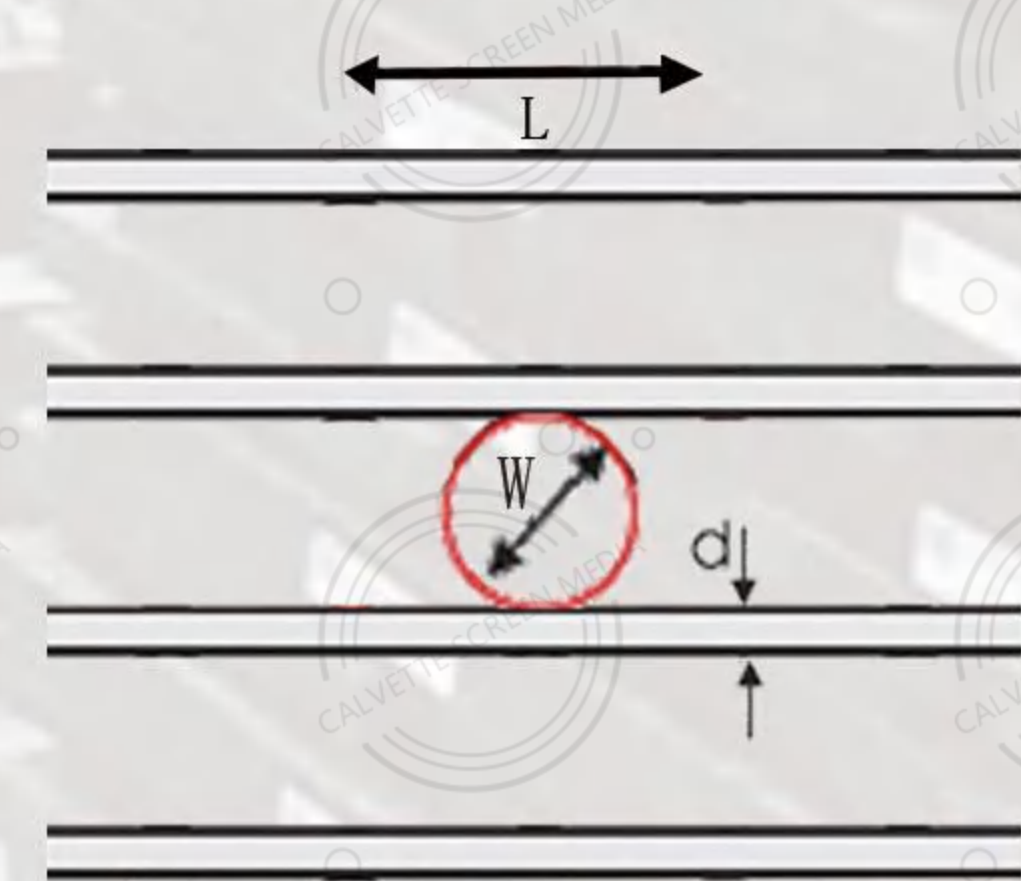
COMMONLY USED EDGE TYPES



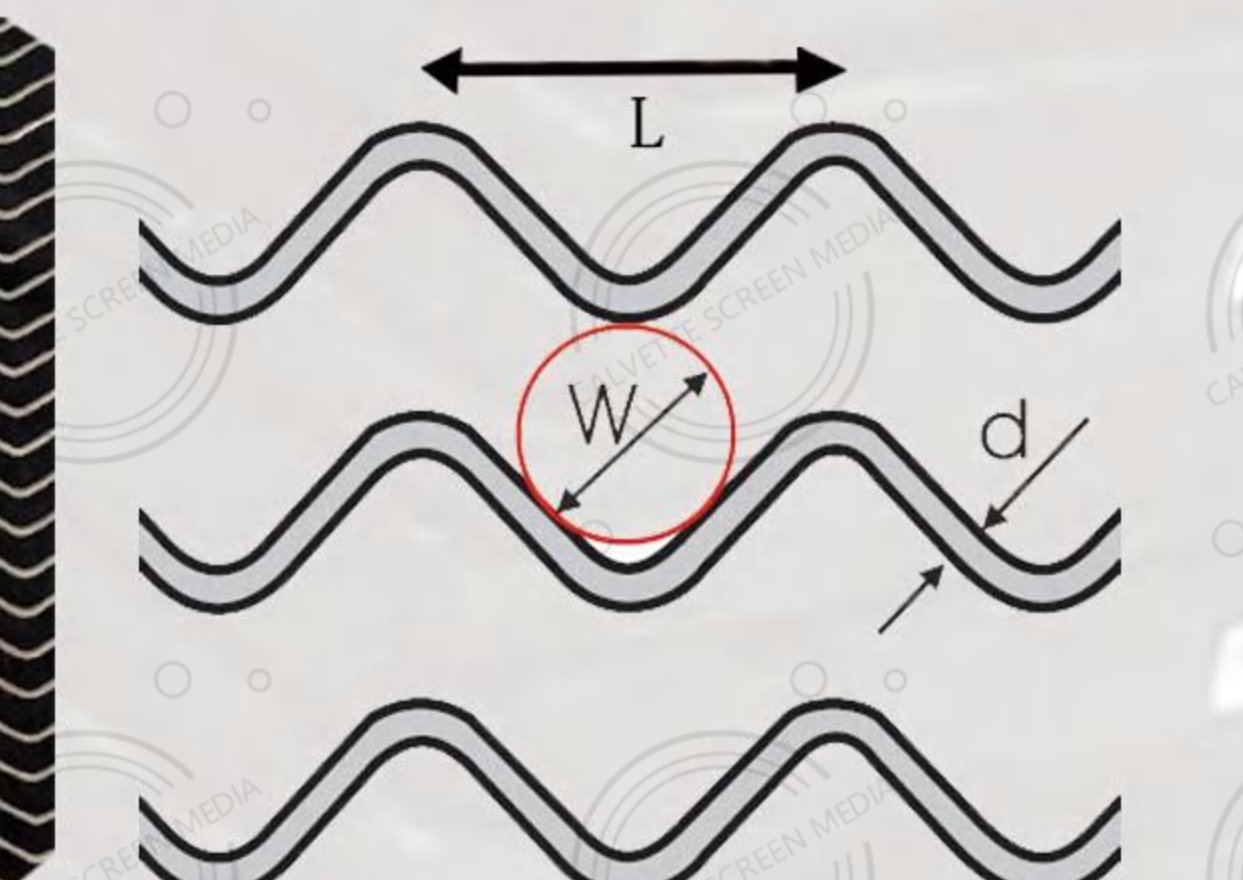
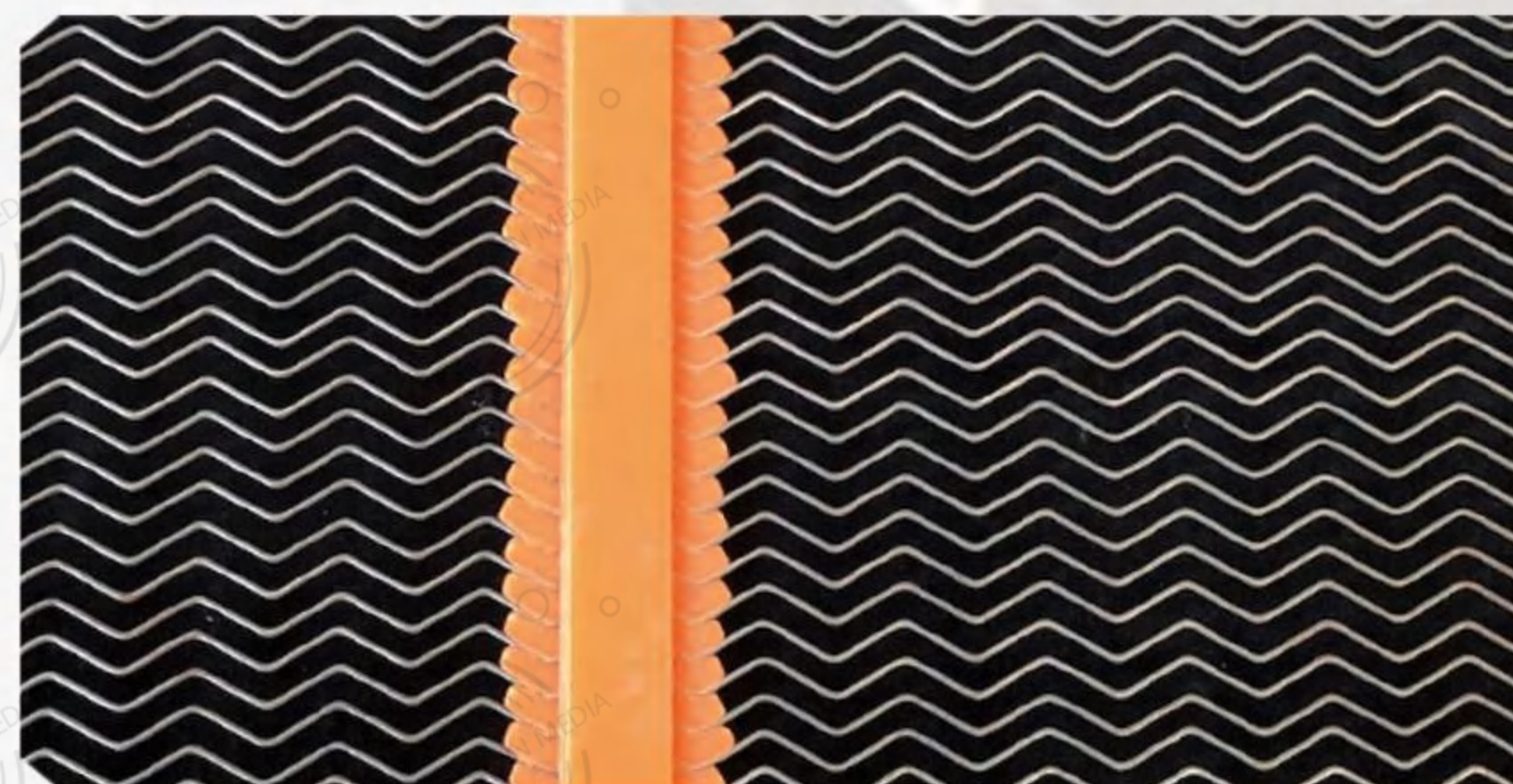
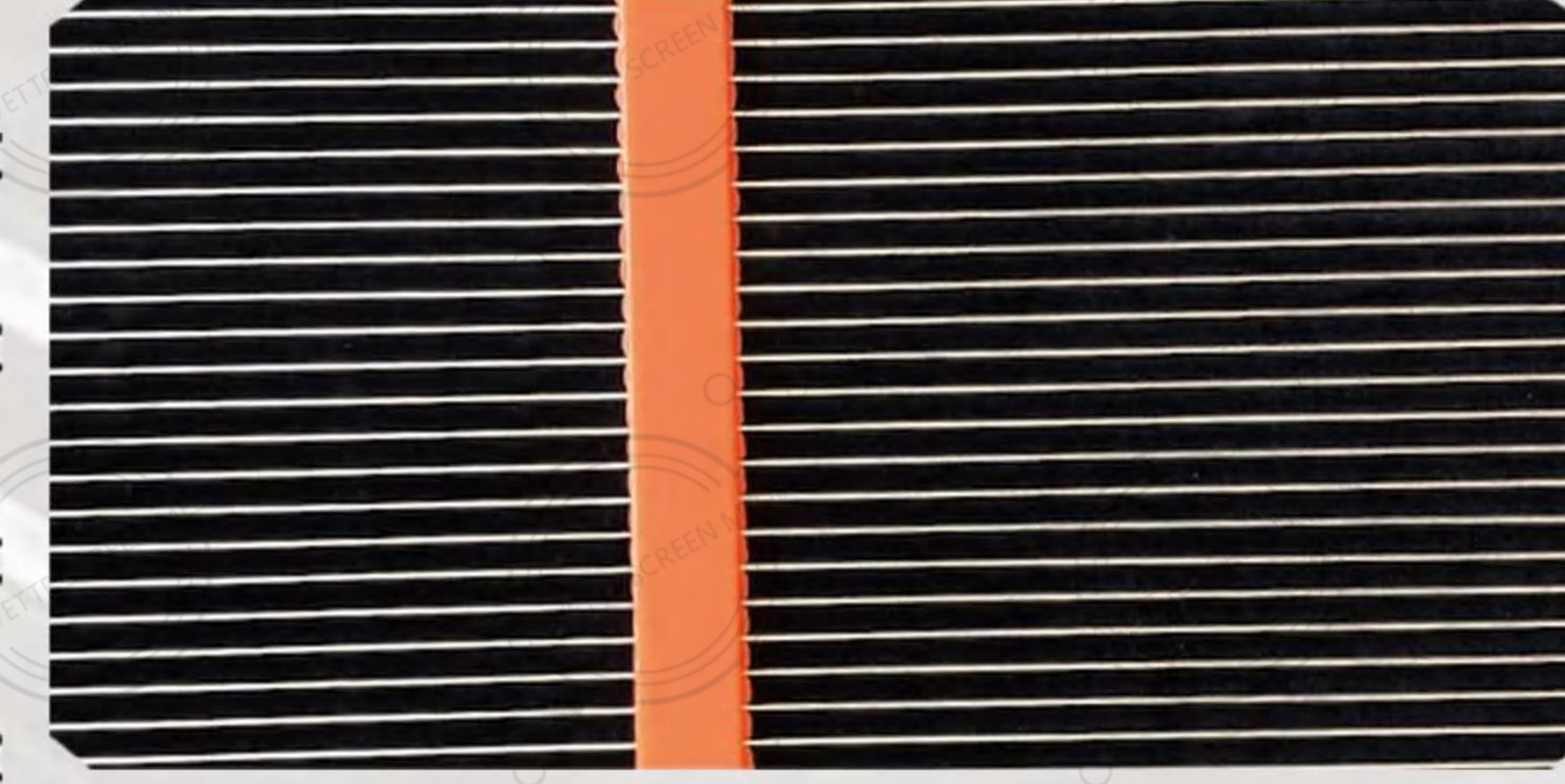
W: APERTURE SIZE
L: TPU SPACING
D: WIRE SIZE



W: APERTURE SIZE
L: TPU SPACING
D: WIRE SIZE

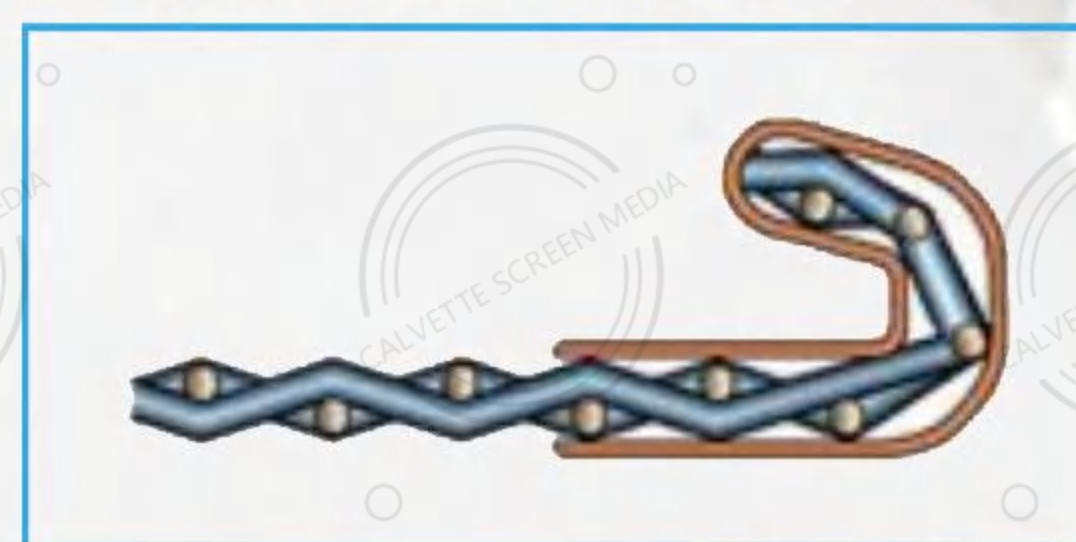


W: APERTURE SIZE
L: TPU SPACING
D: WIRE SIZE

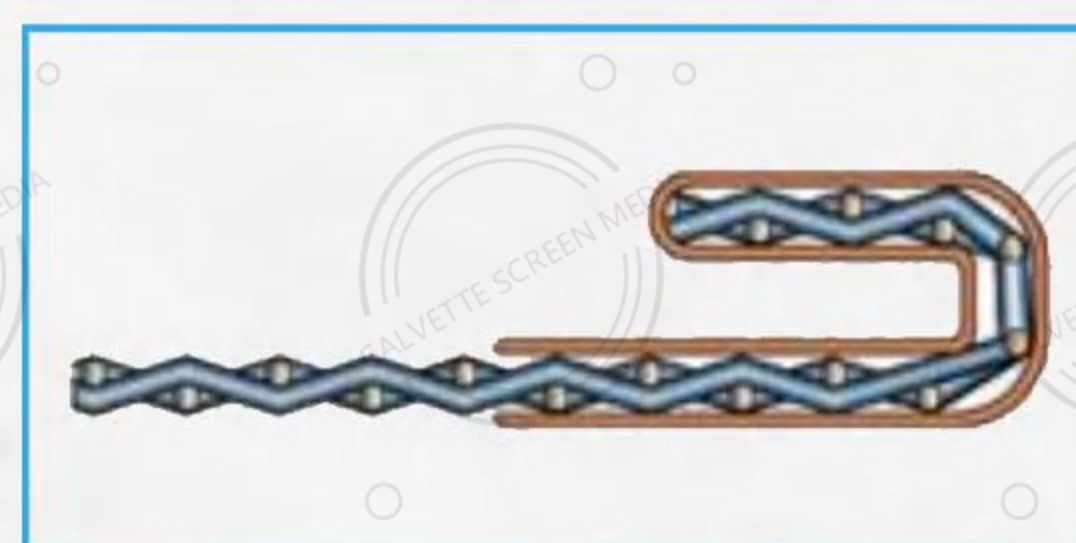
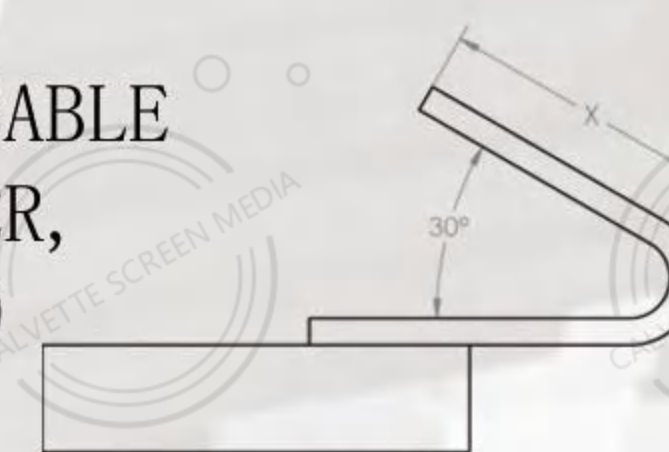


W: APERTURE SIZE
L: TPU SPACING
D: WIRE SIZE

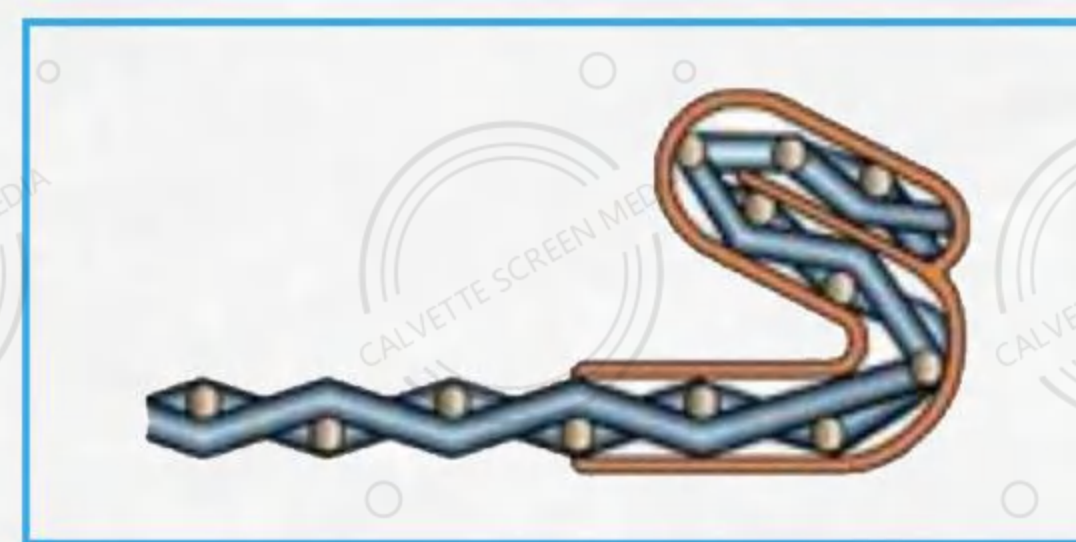
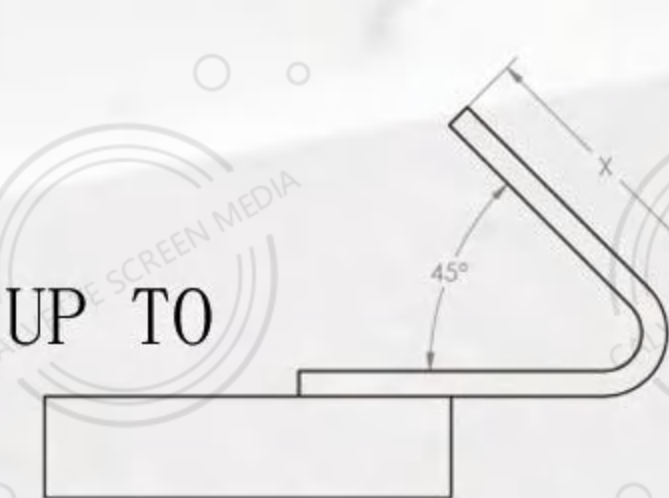
COMMON ANGLES EDGE



30° OPEN, FOLD LENGTH OF LEG: 30 MM USABLE AS LONGITUDINAL AND TRANSVERSE TIGHTENER, RADIUS: 6MM; PRODUCTION RANGE UP TO AND INCLUDING WIRE Ø 7MM.

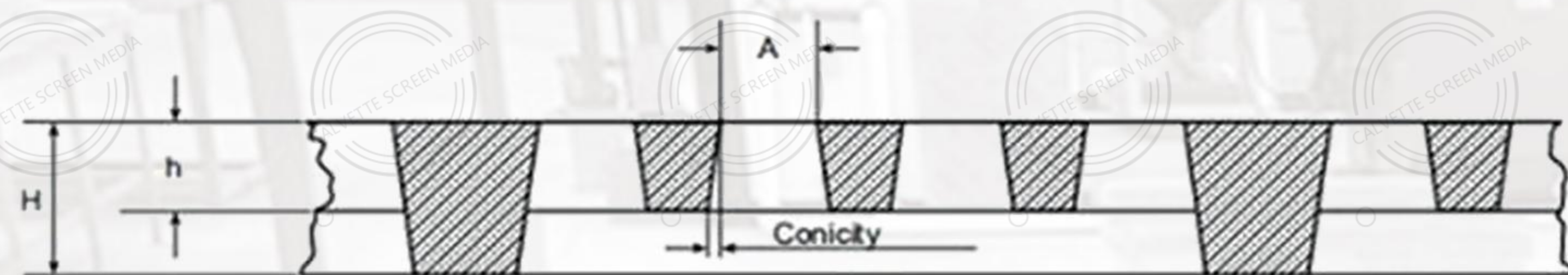


PARALLEL BENT CLAMPING FOLD USABLE AS TRANSVERSE TIGHTENER, FOLD LEG OPENING 10-20°, RADIUS: 4MM; PRODUCTION RANGE UP TO AND INCLUDING WIRE Ø 6MM.

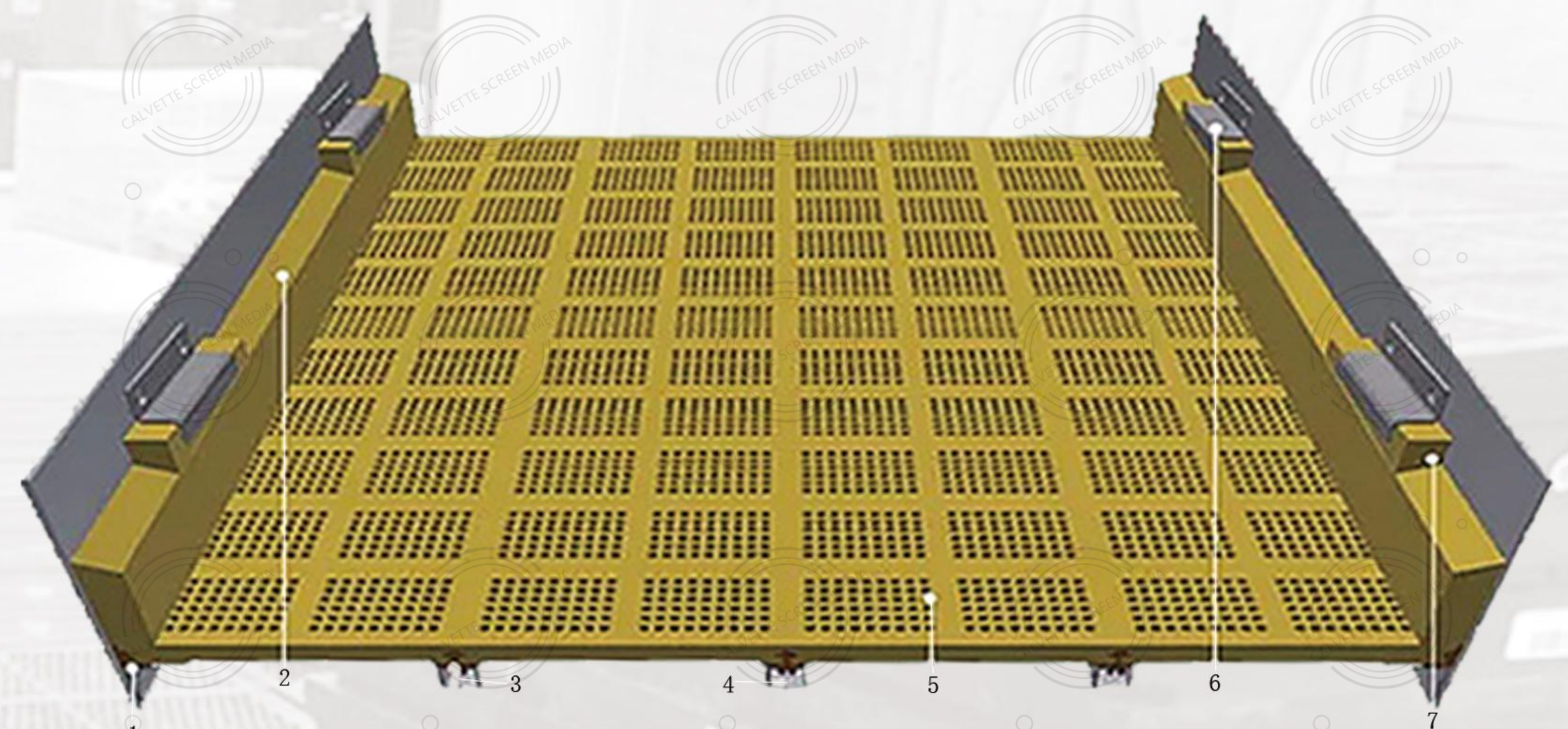
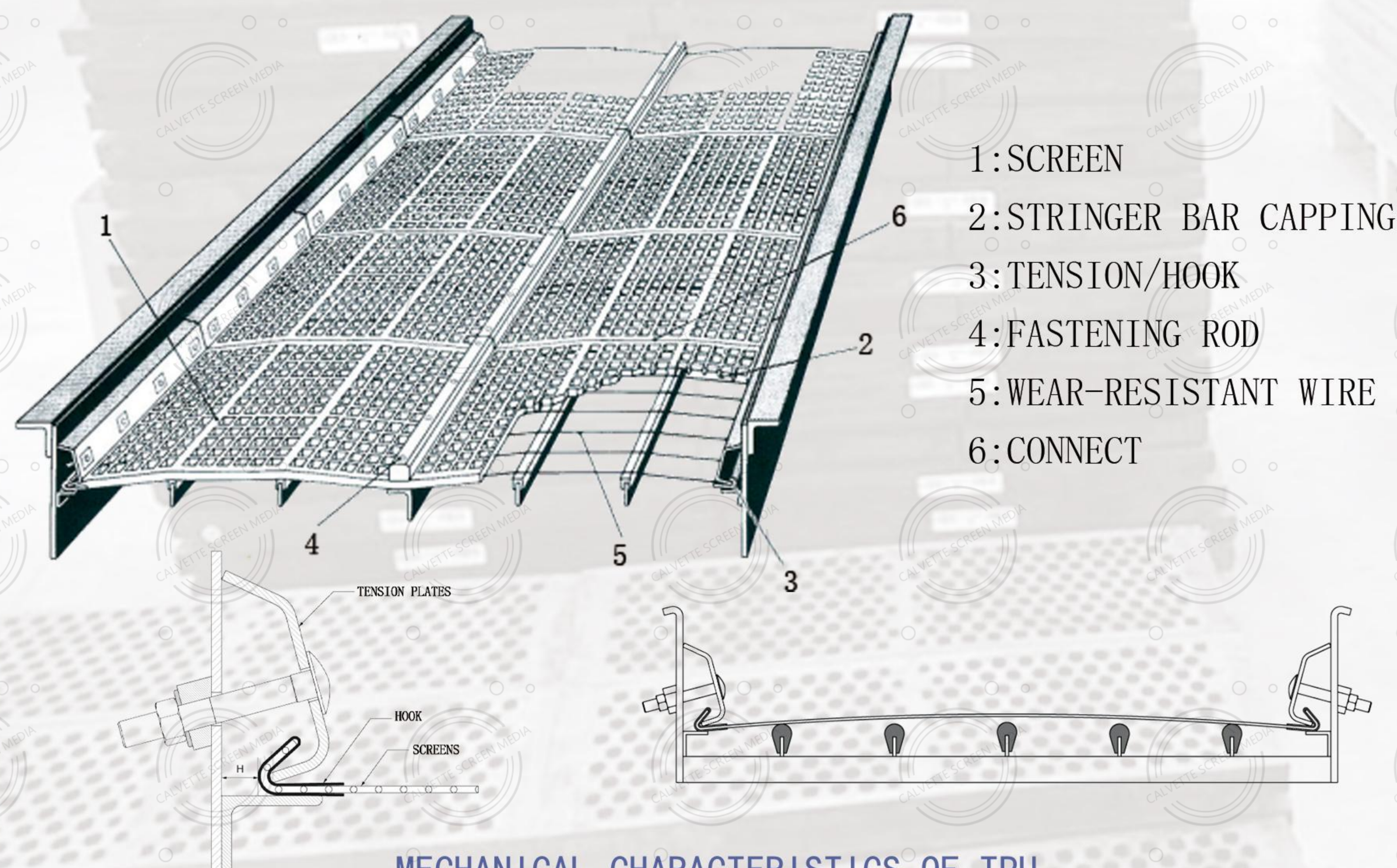


FOLD FOR FINE-MESHED, THIN-WIRE WOVEN MESHES, UP TO A WIRE DIAMETER OF MAX. 1 MM; FOLD OPENINGS ACCORDING TO SPECIFICATIONS.

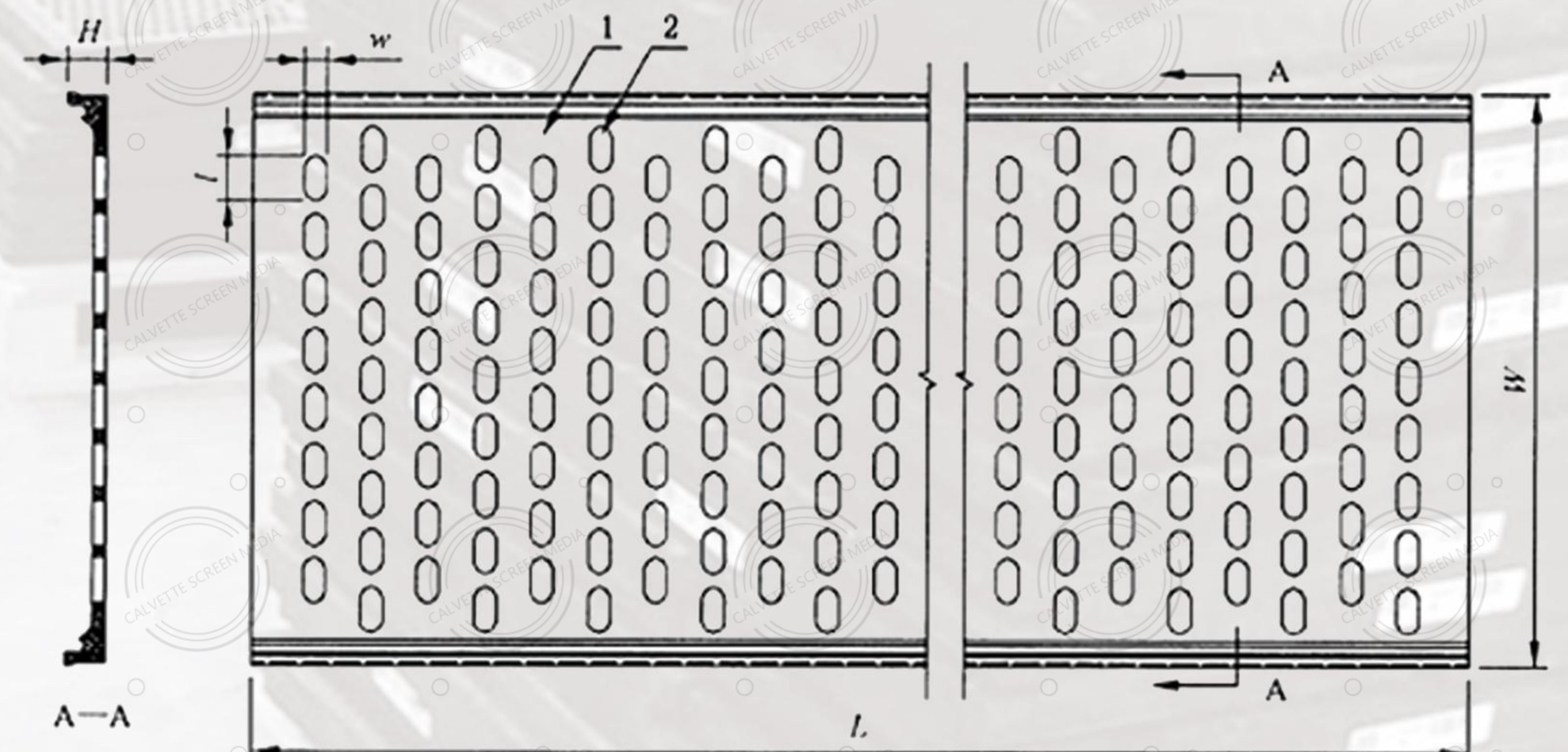




A=APERTURE (SQUARE AND RECTANGULAR).
H= TOTAL THICKNESS.
h= SCREENING THICKNESS.
THE THICKNESSES DEPEND ON THE APERTURE REQUESTED AND THE WORKLOAD.



1: SIDE PROTECTION STRIP 2: SIDE PANELS 3: SNAP-IN
4: SUPPORT BEAM 5: SCREEN PLATE 6: ANGLE STEEL 7: BRIQUETTING



1-----TPU ELASTOMER W----- SCREEN PLATES l----- APERTURE
2----- APERTURE L----- SCREEN PLATES w----- APERTURE
H----- SCREEN PLATES

MECHANICAL CHARACTERISTICS OF TPU

Shore Hardness A	35±5	45±5	55±5	65±5	75±5	85±5	95±5
Tensile Strength(Mpa)	>8	>10	>10	>25	>30	>35	>40
Elongation(Mpa)	>4	>4	>5	>6	>7	>8	>12
Tear Strength (KN/m)	>8	>8	>15	>30	>50	>70	>90
Elongation break (%)	>700	>650	>600	>500	>450	>400	>400
Compression set (%)	<15	<15	<15	<15	<20	<25	<25
Abrasive Loss 1mm	<50	<50	<50	<50	<50	<50	<50
Aklon wear(cm ³ /1.61km)	<0.08	<0.08	<0.08	<0.06	<0.05	<0.05	<0.05
Rebound(%)	>15	>15	>15	>15	>20	>25	>25
Density	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Temp(°C)	-50~100	-50~100	-50~100	-50~100	-50~100	-50~100	-50~100

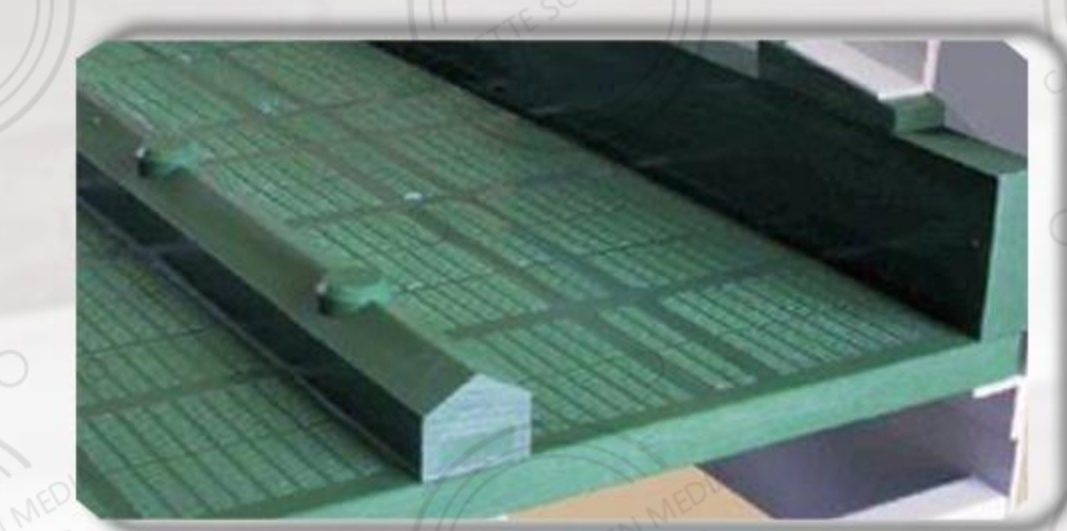
COMMONLY USED SCREEN PLATES FASTENING



SNAP-IN



TONGUE-AND-GROOVE



BOLT



SPLICING



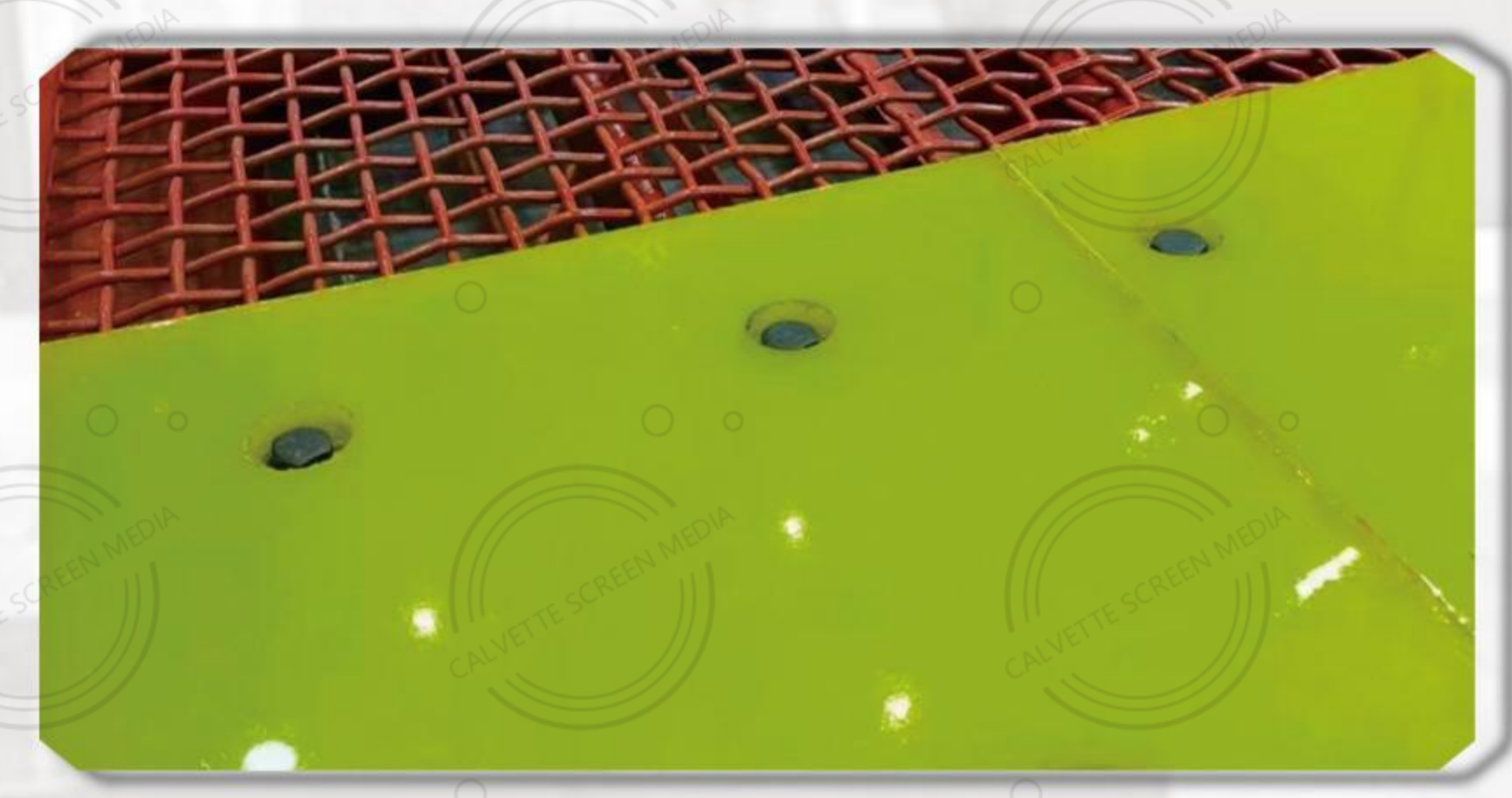
TONGUE-AND-GROOVE



PIN-AND-SLEEVE



POLYURETHANE
LINING PLATES



POLYURETHANE
FASTENING ROD



POLYURETHANE
SELF CLEANING BALL

POLYURETHANE
SCREENING SPRAY NOZZLES



POLYURETHANE
SNAP-IN
TONGUE-AND-GROOVE



POLYURETHANE
SPIRAL SCRAPER



POLYURETHANE
FASTENING WASHER

HYDROCYCLONE SPARES
POLYURETHANE
CERAMICS
SILICON CARBIDE



POLYURETHANE
STRINGER BAR CAPPING



POLYURETHANE
BELT CLEANER SCRAPER



SCREEN TENSION SYSTEM

SCREEN FASTENING SYSTEM
J TYPE BOLT U TYPE BOLT
CARRIAGE BOLT ANGLEBOLT
METAL GASKET

