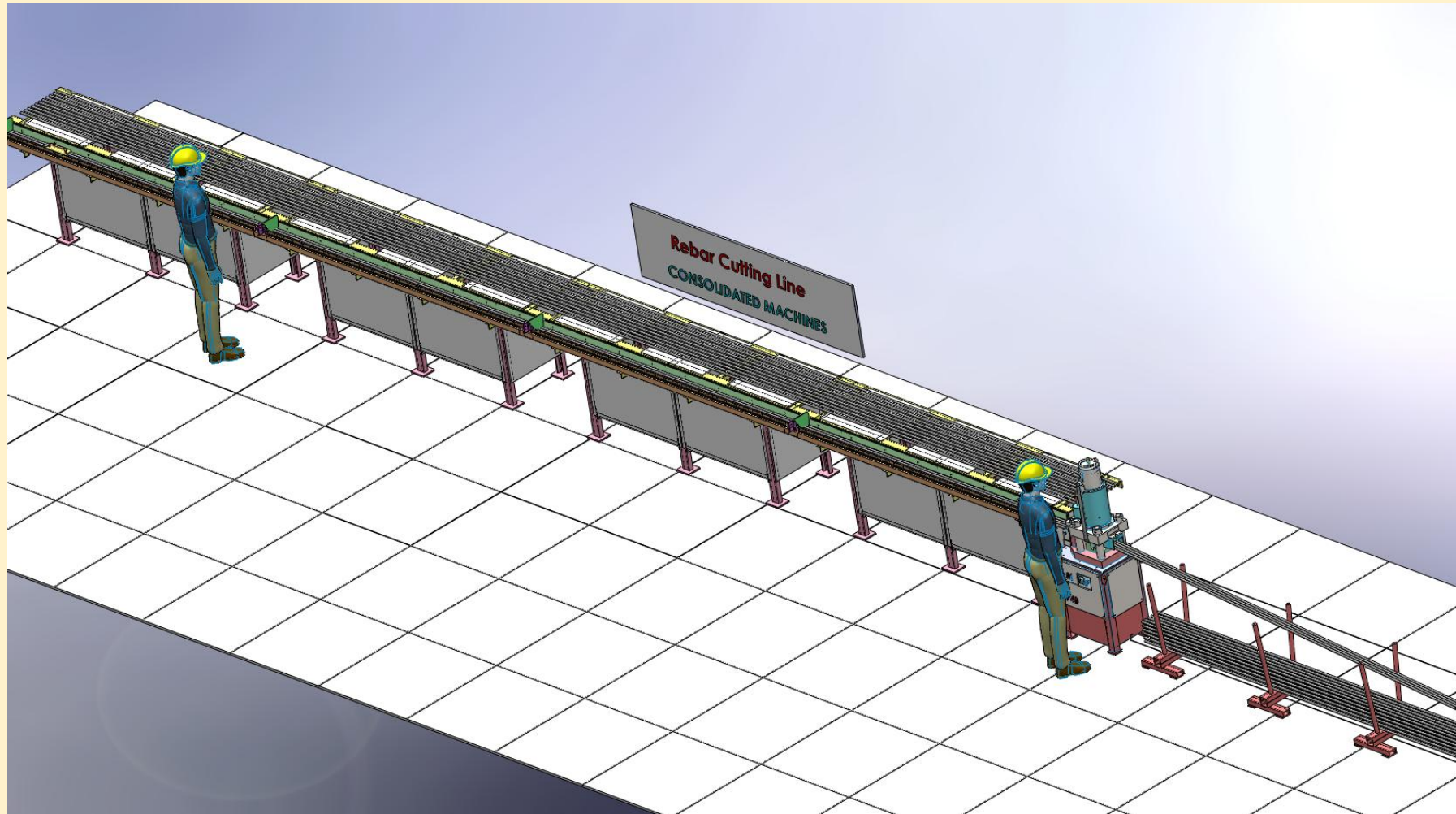









REBAR CUTTING LINE MODEL: SLV40 / SLV45



GENERAL ARRANGEMENT VIEW

GENERAL FEATURES

-  AVAILABLE IN TWO MODELS – TO SUIT MAXIMUM SIZE TMT BAR
METRIC40 GR500 (SLV40) AND METRIC40 GR650 (SLV45)
CONTINUOUS PROCESSING TMT40GR500 - WE RECOMMEND MODEL SLV45
-  HEAVY DUTY HYDRAULIC VERTICAL ACTION CUTTING MACHINE
-  ARRANGEMENT FOR BAR FEEDING WITH EXCELLENT LENGTH CONTROL ILLUSTRATED IN
PICTURES
-  PRODUCTION ESTIMATE PER TEN HOUR INDICATIVE: 40 TONS
-  PLANT FOOT PRINT: 14M x 2.5M (PLUS CUT LENGTH)
-  BARS IN CONVEYOR TRAY MOVES EFFORTLESS AND PROPERLY GUIDED
-  MODULAR DESIGN – EASY TO INSTALL OR RELOCATE

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CUTTING MACHINE

➤ ELECTRO-HYDRAULIC DRIVE

BUILT WITH BEST IN CLASS LIKE BOSCH REXROTH / YUKEN / SIEMENS

➤ CUTTING BLADE LENGTH :

SLV40 100MM SLV45 110MM

➤ CUTTING CAPACITY METRIC TMT GRADE FE500 / FE550D (BAR SIZE X NO OF BARS)

MODEL SLV40: 40 / 32x1 25x2 20x3 16x5 12X7 10X8 8X10NOS -

MODEL SLV45: 40 / 32x1 25x2 20x4 16x5 12x8 10x9 8x12NOS

➤ POWER INSTALLED: STANDARD THREE PHASE AC MOTORS

MODEL SLV40 : 5HP (3.8Kw) MODEL SLV45 : 7.5HP (5.8Kw)

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CUTTING ACCURACIES

CUTTING ACCURACY CAN BE +/-2MM – SEE PICTURE ILLUSTRATION

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BAR SUPPORT SYSTEM

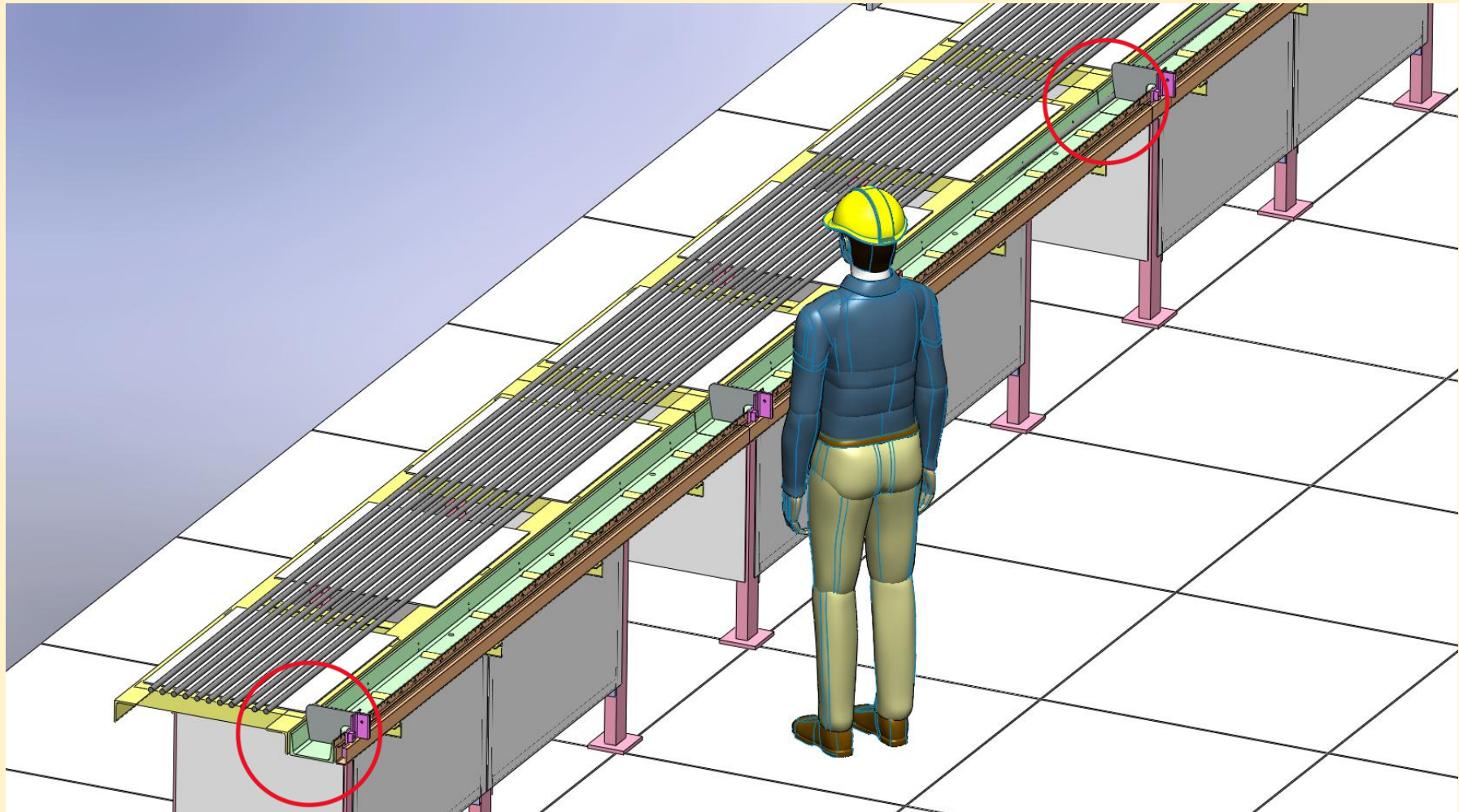
1. BAR RECEIVING PEDESTAL INTEGRATED WITH A ROLLER CONVEYOR, BARS TO PROCESS ARE DROPPED-IN ROLLERS HELP THE BAR TO PROGRESS SMOOTH WITH MINIMAL EFFORT
PEDESTAL LENGTH 12M – MAXIMUM WEIGHT CAPABLE 4T
2. CUT BARS COLLECTING ELEMENTS – FOUR NUMBERS – ARRANGED AS REQUIRED

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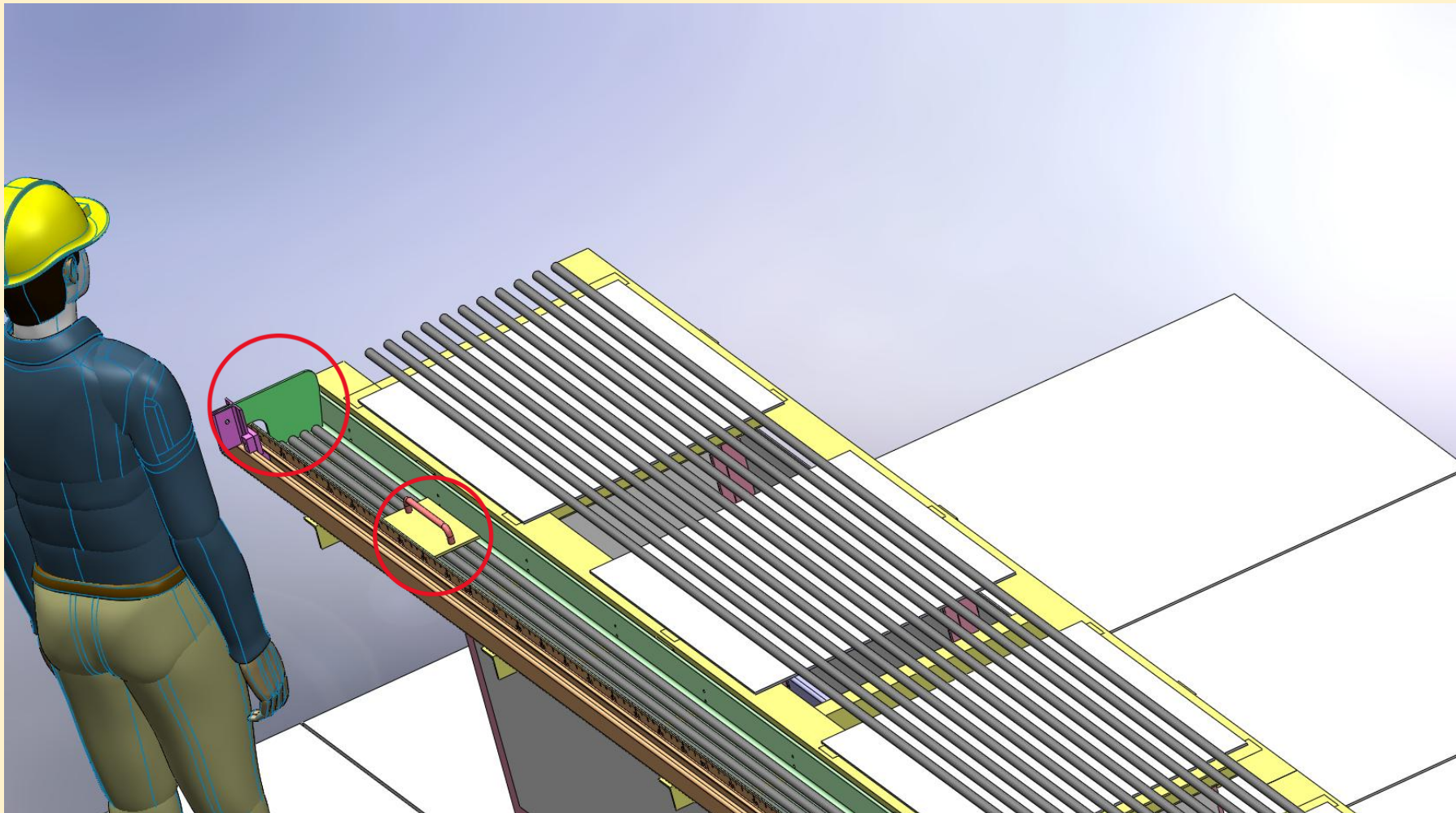
MATERIALS AND FINISH

TOOLING AND LOAD BEARING ELEMENTS OF ALLOY STEEL TOUGHENED, PHOSPHATED FOR LONG LIFE
PANELS POWDER COATED, STRUCTURE FABRICATION WITH ZINC RED-OXIDE AND QUALITY PAINT
FINISH

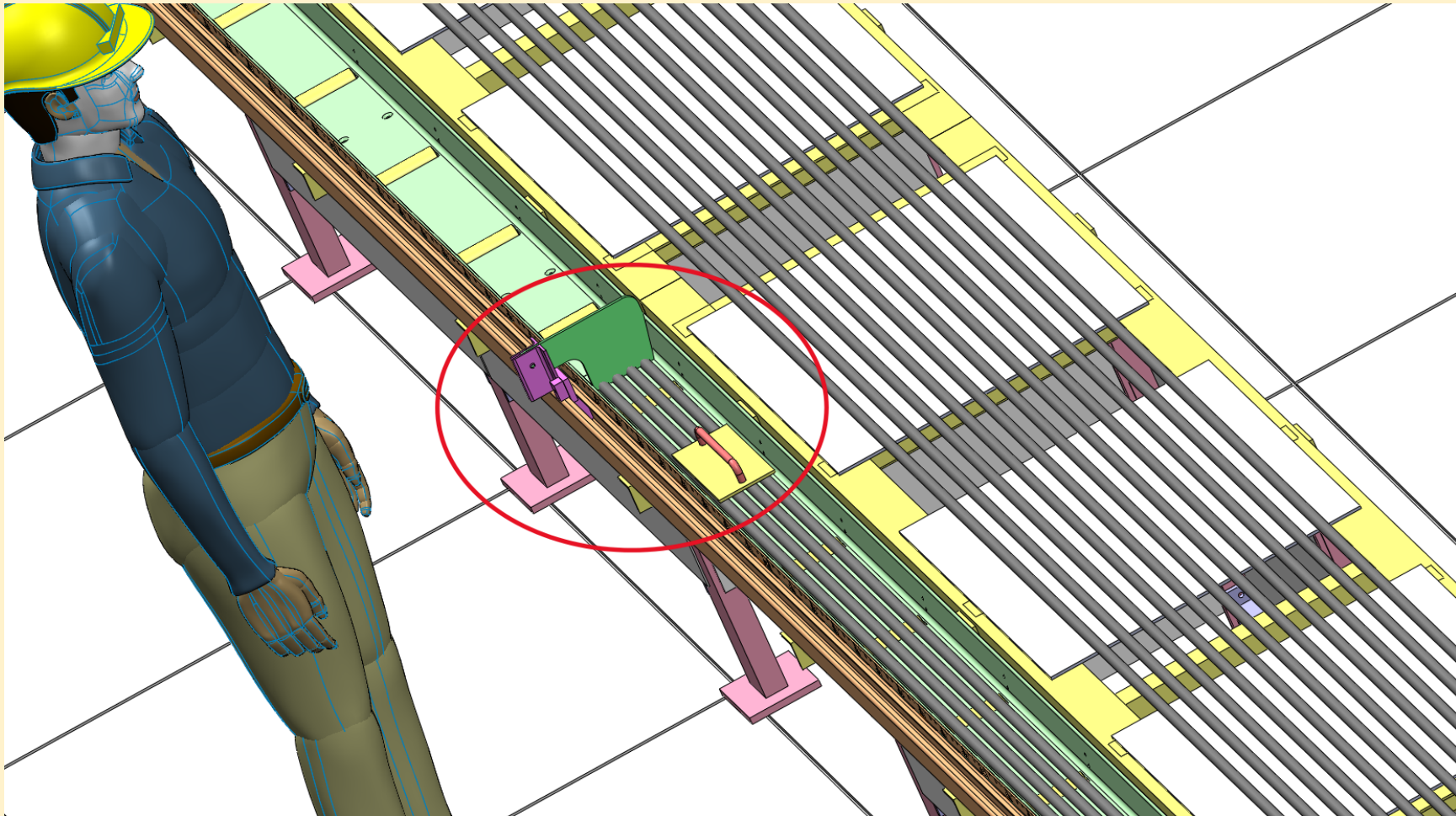
PROCESS ILLUSTRATION PICTURES



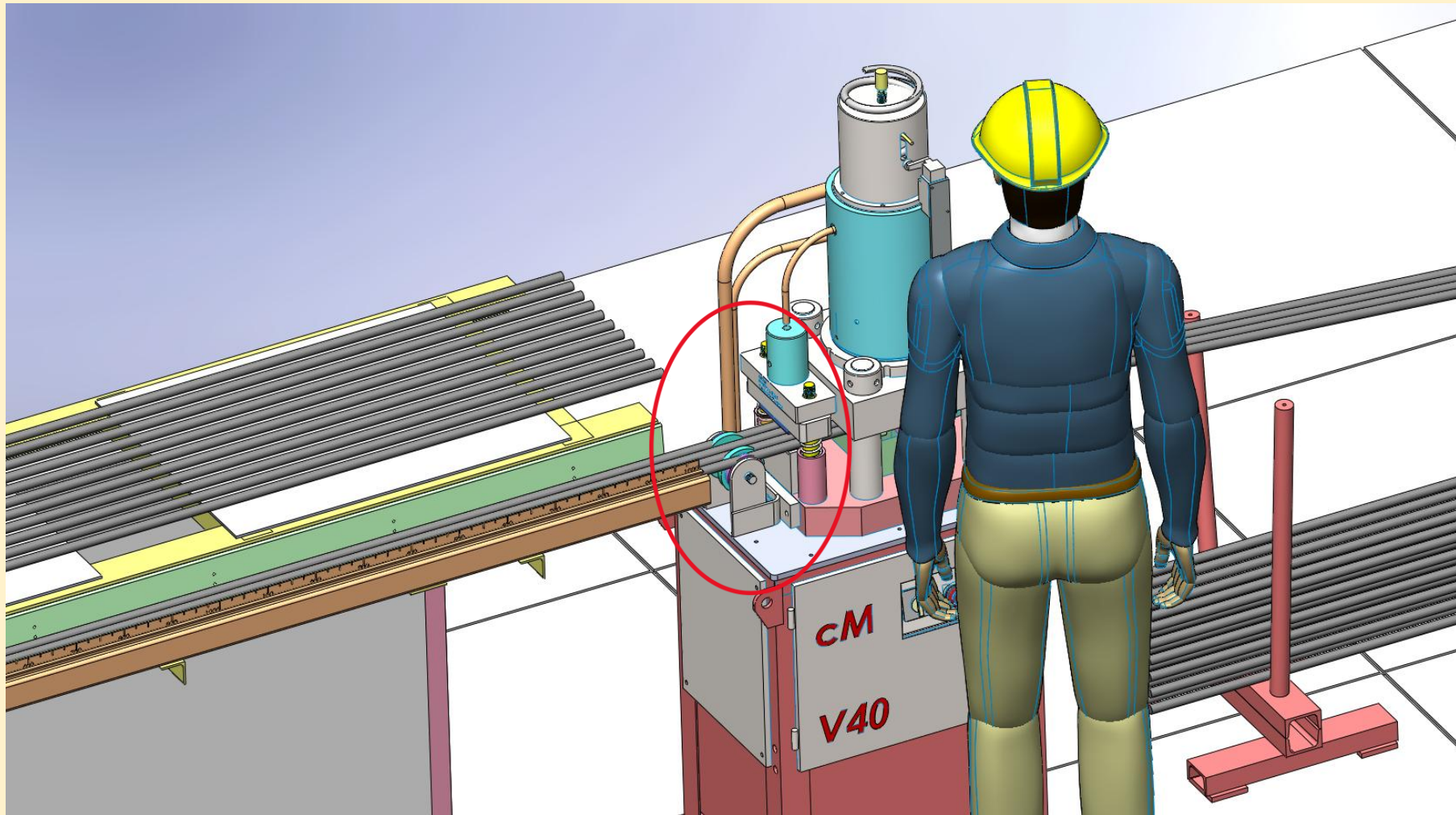
**SET STOPPER-FLAGS WITH REFERENCE TO CUT-LENGTH REQUIREMENT
LAST STOPPER-FLAG IS SET FOR REFERENCE CUT – SET AT SAY 11.98M**



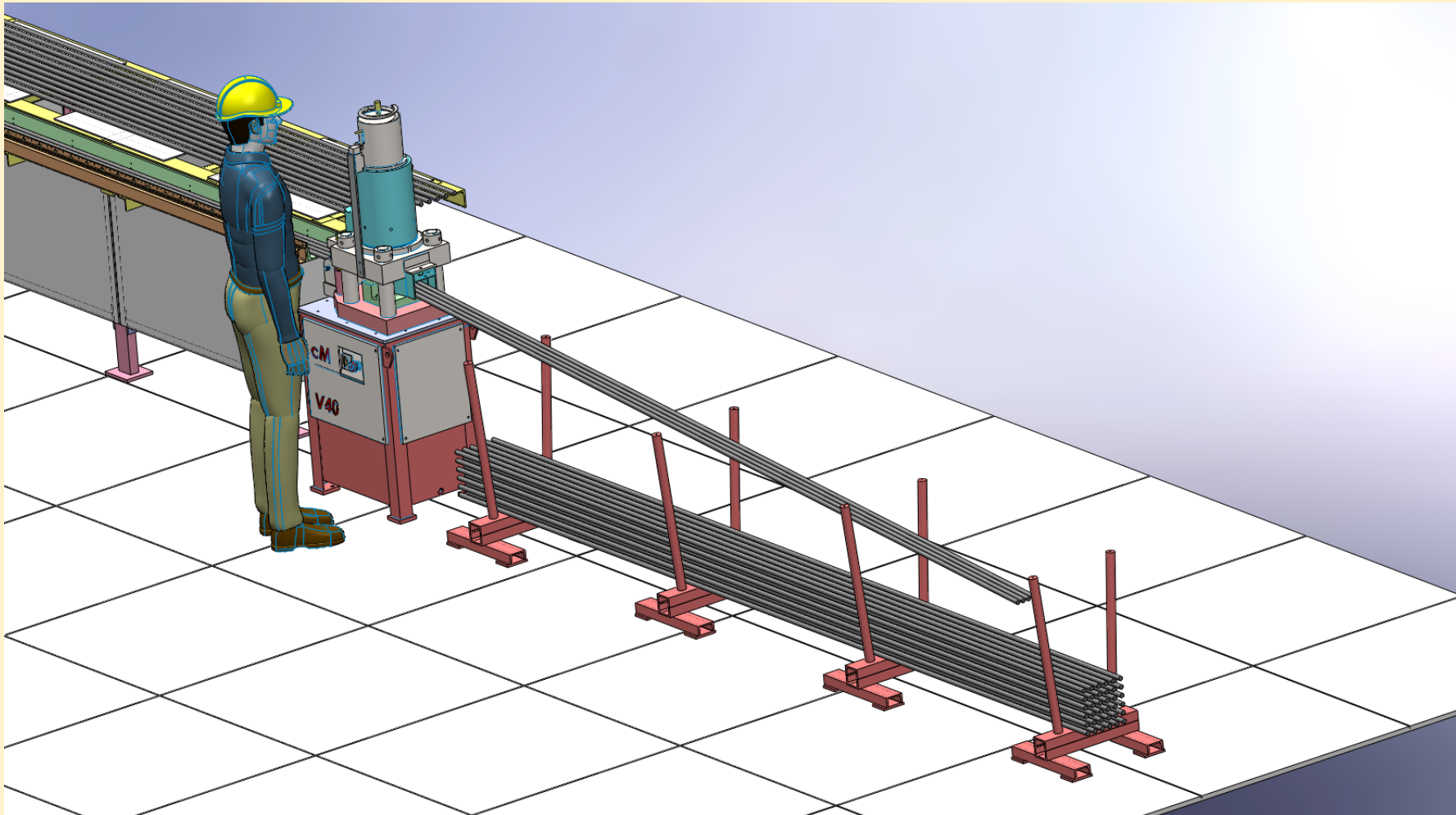
**DROP THE BARS TO PROCESS IN THE CONVEYOR CHANNEL AND TAKE REFERENCE CUT
HAND HELP PAD TO MOVE BARS**



**BARS GLIDE ON ROLLERS – BUTT THE BARS AGAINST THE STOPPER-FLAG
(HAND-HELD PAD TO ASSIST BAR MOVE) OPERATE THE CUT-ACTION**



BARS ARE GUIDED IN THE MACHINE
BARS ARE AUTOMATICALLY CLAMPED PRIOR TO CUT ACTION



CUT BARS DROP INTO THE COLLECT BIN AREA

CREDITS

- ✓ **SUITABILITY** : IDEAL FOR MID-LEVEL OPERATIONS LIKE 30/50 TONS PER DAY
- ✓ **DESIGN** : MODULAR DESIGN EASY TO INSTALL AND RELOCATE
- ✓ **CAPEX** : MODERATELY PRICED
- ✓ **PRODUCTIVE** : BALANCED AUTOMATION AND PRODUCTIVE
- ✓ **OPERATING COST**: MINIMAL LABOR
- ✓ **POWER EFFICIENT**: MOTOR RUN INTERMITTENTLY, SAVES POWER
- ✓ **MAINTENANCE** : SIMPLE CONSTRUCTION – WHICH MEANS EASY ON MAINTENANCE AND INVENTORY
- ✓ **SERVICES** : INDIGENOUS BUILT SUPPORT IS PROMPT

PROCESS OF CONTINUOUS IMPROVEMENT – SPECS MAY CHANGE



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