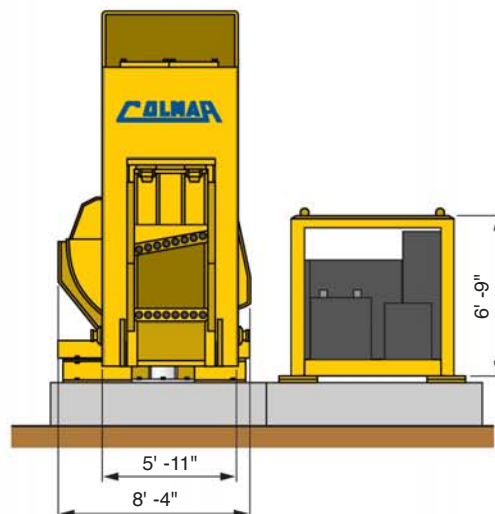
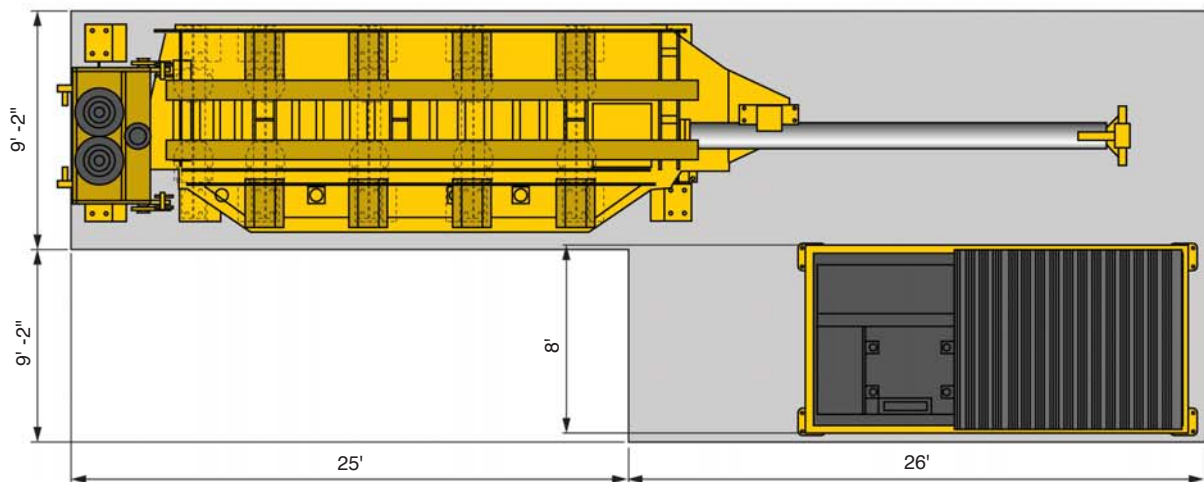
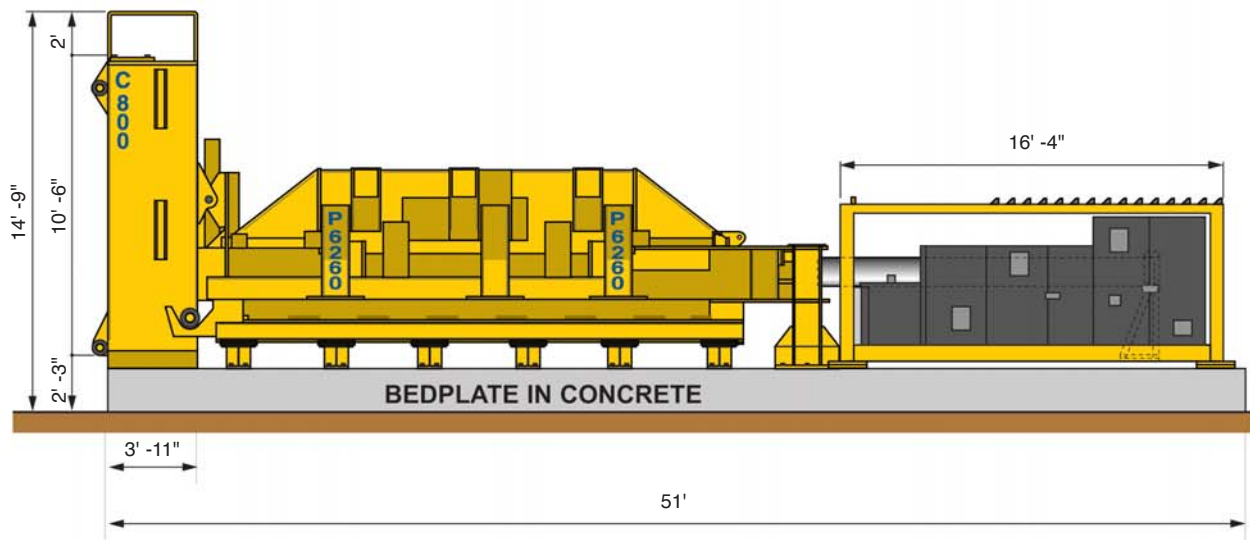


SB 6200-800

SHEAR BALER

COLMAR

Dimensions



Technical characteristics

Codice: PT 6260 - 02 - 05

ENGINE

Type..... 4-stroke diesel, direct injection,
turbo-charged and after-cooled
Number of cylinders..... 6
Max power..... 167 HP (123 kW) at 1800 rpm
Displacement..... 6 l (366.12 in³)
Cooling..... liquid
Sound insulated engine compartment.
Engine assembled on vibration-dampers.

ELECTRIC SYSTEM

Operating voltage24 V
Alternator45 A / 24 V
Starting engine4 kW
Batteries.....2 x 100 Ah / 12 V

HYDRAULIC SYSTEM

Working system
N°1 variable displacement axial piston pump
Max flow rate50.16 gal/min
Max operating pressure4350 psi
N°1 gear pump
Max flow rate95.04 gal/min
Max operating pressure2465 psi
Cooling and filtering independent system
N°1 gear pump
Max flow rate42.24 gal/min
Max operating pressure1160 psi
N°1 gear pump
Max flow rate7.39 gal/min
Max operating pressure1740 psi
N°1 auxiliary gear pump
Max flow rate7.39 gal/min
Max operating pressure1740 psi
Distributing blocks with electric operated logical valves
with re-generating functions on the shear operations.

DIMENSIONS

Overall length610.23"
Length of container.....236.22"
Overall width of roll on/roll off machine100.39"
Overall height153.54"
Weight of machine fully equipped.....129800 lb

DIMENSIONS OF THE SHEARED MATERIAL

Variable length.
Quantity of the sheared material (different quantity depending
on the material introduced)22000 - 24200 lb/h
Cutting blade width.....35.43"

MATERIAL USED

Structure in WELDOX 700-T1 A.
Container in abrasion resistant steel HARDOX 500.
Shear structure Fe 510 C.
Shear blades 45NiCrMoV 166.

GENERAL DESCRIPTION

Two-piston-operated cutting blade
Max force1760000 lb
Pushing piston
Max force330000 lb
1st door operation cylinders, 2nd door operation cylinders (2+2)
Max force682000 lb
Sequential automatic starting:
• Baling
• Movable wall opening
• Material stop by pressure bar
• Pre-set shearing
• Pusher retraction
• Doors opening
• rpm reduction to minimum.
Centralised automatic greasing system.
Reversible cutting blade.
Hydraulic bulkhead.

FUEL AND OIL CAPACITIES

Fuel tank capacity52.8 gal
Cooling fluid9.24 gal
Engine oil3.96 gal
Power take off.....1.58 gal
Hydraulic oil tank capacity184.8 gal
Hydraulic oil circuit total capacity422.4 gal

Length.....depending on the type of material compacted
Width.....32.28"
Height24.41"
Quantity17600 - 22000 lb/h