

## MANUFACTURING TURN-KEY PLANTS



### BRAM-COR'S MANUFACTURING TURN-KEY PLANTS INCLUDE

- *LVP (Large Volume Parenterals) in PVC or PP bags*
- *LVP in Glass or Plastic Bottles*
- *SVP (Small Volume Parenterals) in Glass or Plastic Vials and Ampoules*
- *Pre-filled Syringes*
- *IV products (bags, glass and plastic bottles)*
- *Blood bags (LVP bags in PVC)*
- *Dialysis concentrate solutions and powders (Canisters, Bags, Cartridges)*
- *Plasma Fractionation*
- *Biotechnological Plants*
- *Multipurpose Pharmaceutical Plants*

### BRAM-COR PERFORMS A TURNKEY PROJECT THROUGH

- *Conceptual Design and Design Qualification (DQ)*
- *Detailed Engineering*
- *Validation Master Plan and SOP*
- *Equipment Construction and Procurement*
- *Factory Acceptance Test*
- *Shipment and Installation*
- *Site Acceptance Test*
- *Standard & Validation Documentation (IQ/OQ/PQ Protocols)*
- *Training*
- *Commissioning, Calibration & Start up*
- *Regulatory Support*

PHARMACEUTICAL TECHNOLOGIES  
**BRAM-COR**

BC TURNKEY PLANTS 8 17



**AWS BIO-PHARMA TECHNOLOGIES**

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# MANUFACTURING TURN-KEY PLANTS

## BLOOD BAG MANUFACTURING TURN-KEY PLANT

Provides complete facilities to produce Intravenous (IV) solutions both in Small (SVP) and in Large (LVP) volumes through standard or even modular configuration (capacities range from 500 to 24,000 pcs/h).

**PRODUCTS INCLUDE:** *Single Bags, Double Bags, Triple Bags, Tetra Bags Top-Top and Tetra Bags Top-Bottom*



## PLASMA BAG MANUFACTURING TURN-KEY PLANT

Provides complete facilities to produce Hemoderivatives from plasma.

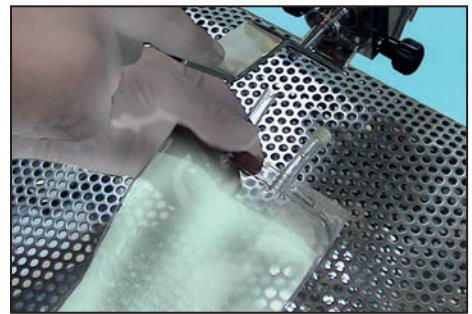
**PRODUCTS INCLUDE:** *Anti-hemophilic (Factor VIII and Factor IX), Immune Globulin (IG) Hyperimmune (Tetanus, Rh), Immune Globulin Intravenous (IGIV), Albumin, Plasma Protein Fraction (PPF), Anti-Inhibitor Coagulant Complex (AICC), Anti-thrombin III, Fibrin Sealant, C1 Inhibitor*



## IV BAG MANUFACTURING TURN-KEY PLANT

Provides complete facilities for the production of Intravenous (IV) Solutions both in Small (SVP) and in Large (LVP) volumes through standard or even modular configuration (capacities range from 500 to 24,000 pcs/h).

**PRODUCTS INCLUDE:** *Bags (both PVC and PP), Glass Bottles, Plastic Bottles with Blow Fill Seal, Fat Emulsions, Aminoacids, Plasma expanders, Pre-mixed heparine, Ciprofloxacin, Metrodinazole, Paracetamol*



## BIO-TECHNOLOGY MANUFACTURING TURN-KEY PLANT

Provides complete facilities for the production of bio-technological products using standard, disposable or mixed technology.

**PRODUCTS INCLUDE:** *Interferon, EPO (Erythropoietin), EFG (Epidermal Growth Factor), Insulin, hGh (Human Growth Hormone), Monoclonal Antibodies*



**OUR MULTIPURPOSE MANUFACTURING TURN-KEY PLANT** *includes complete pharmaceutical facilities for technologies such as Antibiotics Projects, Veterinary Projects, Multipurpose Generics plants (oncology, cardiology)*

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