



Republic of the Philippines  
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## TECHNICAL SPECIFICATIONS

CORN PROGRAM  
2025

### PUMP & ENGINE SET

1. Brand New

2. Pump

Type and Size: Centrifugal

Single-end suction

Self-priming

100x100mm

Semi-open (impeller)

Total Head: 20 meters (minimum)

Discharge Capacity: 15 li/sec (minimum)

Shall conform to PAES 114:2000, Centrifugal Pump

With set of manufacturer's standard tools required for maintenance

3. Engine (Prime Mover)

Brand New

7 hp, minimum

Water-cooled/air-cooled gasoline or diesel engine, single-cylinder, four-stroke cycle

Shall conform to PAES 116:2001, Small Engine

4. Accessories

Steel base with handle

4 inches (diameter) elbow with hose adaptor

3x2B pulley

2 pcs B-size belts

Hose adaptor (4 inches diameter)

30 meters flexible hose (4)

Suction strainer (4 inches diameter)

3 pcs hose clamps

Additional Requirements:

1. With AMTEC test result

Individual - Engine

Individual - Pump

2. With reflectorized DA Western Visayas logo (minimum of 6" diameter)

3. Warranty period: 1 year from the date of acceptance of the recipient/beneficiary

4. Service center must conform to PAES 138:2004 and should have an available spare parts and technician within region 6

5. Must have a valid Certificate of Accreditation from National Agricultural and Fisheries Machinery Assemblers, Manufacturers, Importers, Distributors and Dealers Accreditation and Classification (NAMDAC) Board

6. Must have a valid Permit to Operate (PTO)

7. Must have a valid Certificate of Conformity (CC) for the engine offered