

SYSTEM SPECIFICATIONS

Gamet currently produces three models of truck/rail probes. The Model 610A is our most popular unit. It is ideally suited for most elevator and processing plant applications where use is either seasonal or averages less than 100 trucks per day. The Model 17 is considered a terminal elevator probe. It is designed for use at facilities averaging over 100 trucks per day. The Model 21 is our largest probe. It is designed to be a dual duty device capable of sampling both trucks and rail cars.

All Gamet probes are hydraulically driven. This ensures the most powerful drive mechanisms available. Safety features include mechanical stops to prevent over rotation, check valves on the up-down hydraulic cylinder to prevent probe downward drift when not in use and hydraulic relief valves to prevent the probe from being overpowered, thus damaging truck bottoms. Additional specifications are listed below:

Hydraulic Data

Electrical:

2 HP, TEFC, 230V, 1PH, 10 Amp 2 HP, TEFC, 230/460V, 3PH, 3/8 Amp

Pump Data:

Gear Pump, 850 PSI, 3.6 GPM 5.2 gal. reservoir

Controls:

115V, 30 Amp, 1 PH

Vacuum:

Two Stage By-pass, 7/8 HP, 1 PH, 104 CFM, 110" waterlift, 13 Amp

Concrete Base: 36" square x 60" deep

Ship Wt. 2420 lbs.

17 **Hydraulic Data**

Electrical:

5 HP, TEFC, 230/460V 3PH, 7/14 Amp

Pump Data:

Gear Pump, 850PSI, 4

10.2 Gallon Reservoir Controls:

115V, 30 Amp, 1 PH

Vacuum:

Two Stage By-pass, 7/8 HP, 1 PH, 104 CFM, 110" static waterlift, 13 Amp

Concrete Base:

44" square X 60" deep

Ship wt. 3160 lbs.

21

Hydraulic Data

Electrical:

10HP, TEFC, 230/460V 3PH, 13/26 Amp

Pump Data:

Gear Pump, 1200 PSI, 9.2 GPM

17.9 Gallon Reservoir

Controls:

115V, 30 Amp, 1 PH

Vacuum:

Two Stage by-pass, 7/8 HP, 1 PH, 104 CFM, 110" static waterlift.

13 Amp Concrete Base:

60" square X 60" deep

Ship wt.

From it's origins in the late 1960's the Apollo line of truck probes has been on the cutting edge. Originally manufactured by Elevator Services Inc., and later by Iowa Grain Probe and Equipment Company, the Apollo line of probes has evolved from the earliest light duty units to today's industry leaders. Since purchasing the product line in 1996, Gamet has made significant improvements. Incorporation of ball bearings at the wear points, an upgrade in the electric control system and the addition of many accessory items highlight our commitment to improvement of this and all of our product lines. The Apollo line of truck/rail probes remain the highest quality, most dependable available. It is our goal to maintain the quality, the reputation and the commitment to you, our customer, developed over these many years.

THE APOLLO LINE: A TRADITION OF QUALITY