



# HYDRA 985



INDUSTRIAL / ENGINES / TNY SERIES



### Dimensions, Performance Data & Quick Specs

<b>NET INTERMITTENT POWER (kW/hp)</b> Potencia Nets Intermitente	26.2 / 35.1
<b>RATED SPEED (RPM)</b> Velocidad de Regimen	3000
<b>LENGTH (w/fan) (in/mm)</b> Longitud	24.1 / 611 w/DPF
<b>WIDTH (in/mm)</b> Ancho	21.9 / 556 w/DPF
<b>HEIGHT (in/mm)</b> Altura	34.2 / 868 w/DPF

## 3TNV88C-DYEM

SPECIFICATION Especificacion	DYEM
<b>CYLINDERS</b> Cilindros	3
<b>BORE X STROKE</b> Diámetro x Carrera	88 x 90 (mm) 3.46 x 3.54 (in)
<b>DISPLACEMENT</b> Cilindrada	1642 (cc) 100.2 (ci)
<b>COMBUSTION TYPE</b> Tipo de Combustion	Common Rail Direct Injection Common Rail de Inyección Directa
<b>ASPIRATION</b> Aspiracion	Naturally Aspirated Aspiracion Natural
<b>GOVERNOR TYPE</b> Tipo de Gobernador	Electronic Control Electrónico

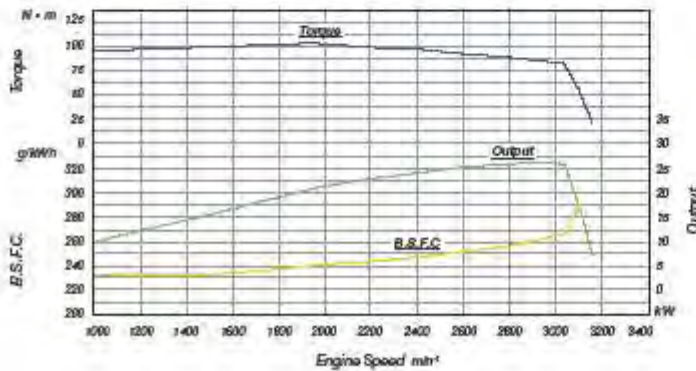
**Lubrication System**  
6.7L Capacity Deep Oil Pan

**Electrical System**  
12V, 65A Alternator

**Fuel System**  
Common Rail System

**Cooling System**  
Water Pump, Belt-driven

**Power Take Off**  
FWH: SAE #6 1-124  
FW: SAE 7, 8"



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Engine specifications are subject to change without notice.  
15-3TNV88C-DYEM-3000-11



# HYDRA 985

## INTRODUCTION

The Hogg & Davis, Inc **HYDRA 985** Cable Reel Unit is an advanced design cable pulling trailer that provides tremendous pulling forces in a compact vehicle. Its total design provides for easy operations and affords great savings in set-up and manpower. Full utilization of the **HYDRA 985** will greatly improve your cable installation and removal operations.

This manual is designed to make you familiar with the machine and its operation.

READ THIS MANUAL THOROUGHLY BEFORE OPERATING THE MACHINE

## GENERAL SPECIFICATIONS.

- REEL CAPACITY: 108" dia X 56" wide
- HYDRAULIC REEL LIFITING CYLINDERS
- HYDRAULIC POWERED IDLER WHEEL
- HYDRASTATIC TRANSMISSION POWER UNIT
- CADMIUM PLATED, QUICK RELEASE JACKSTANDS
- 20,000 STUB STPINDLE AXLE
- AIR BRAKES w/ABS
- 2.5" REEL MANDREL WITH TAPERED CENTERING CONES, LOCKING COLLARS, AND NYLATRON BEARINGS

## DIESEL ENGINE SPECIFICATIONS

### 3TNV88-BDSA General

#### Specification

**36.0 HP (26.9 kW) @ 3000 rated rpm\***

**Type** ••• 3 Cylinder, 4-Cycle, Liquid Cooled Diesel Engine

**Bore** •••••••••••••••••••••••••••• 88 mm

**Stroke** ••••••••••••••••••••••••••• 90 mm

**Displacement** ••••••••••••••••••••• 1.642 L

**Aspiration** ••••••••••••••••••••• Naturally Aspirated

**Combustion System** ••••••••••••••• Direct Injection

**Rotation (from flywheel end)** ••••••• Counterclockwise

**Dry Weight** ••••••••••••••••••••• 341 lbs (154 kg)

