

**onvio**

[www.onviollc.com](http://www.onviollc.com)

**onvio**

**USA  
CORPORATE HEADQUARTERS**

Onvio LLC  
20 Northwestern Drive  
Salem, NH 03079  
Tel. +1 (603) 685-0404  
Tel. +1 (866) 685-0404  
Fax +1 (603) 685-0405  
email: [contact@onviollc.com](mailto:contact@onviollc.com)

**GERMANY**

Onvio GmbH  
Werner von Siemens Strasse 2  
64319 Pfungstadt  
Tel. +49 (0) 6157 9727-111  
Fax +49 (0) 6157 9727-273  
email: [info@onvio.de](mailto:info@onvio.de)

**CANADA**

RotoPrecision Inc.  
304 Watline Avenue Mississauga, Ontario L4Z 1P4  
Application Support: (905) 712-3807  
Toll Free: 1-888-712-3400  
Fax: (905) 712-3805  
email: [applsupport@rotoprecision.ca](mailto:applsupport@rotoprecision.ca)  
Version: 2010-10-28 Digital - RotoPrecision Inc.



# Power Pulley

## PR

### NEW Onvio Power Pulley

Onvio's revolutionary, modular approach to gearbox design has resulted in our NEW Power Pulley reducer. The new series features our AL value line gearing, integrated into a timing pulley and is ideal for today's demanding high dynamic linear motion systems including linear actuators, gantry robots, high speed packaging machinery and assembly automaton.

#### PRECISE

- 12 arc Minutes Backlash
- High Shock Load Capacity
- Exceptional Torsional Stiffness
- Rigid Bearing Construction
- Smooth, Quiet Operation

#### INTELLIGENT

- Fewer Components Results in Higher Reliability and Lower Costs
- Easily Adapts to Most Linear Actuators Supplied with Wide Range of Pulley Pitch Types
- Internal and External Support of Belt Loads
- Single and Two Stage Reductions

#### DYNAMIC

- Hardened, Ground Gears
- Low Inertia
- High Safety Factor
- Input Speeds to 6000 rpm
- High Rigidity Results in Greater Dynamic Response and Shorter Cycle Times

#### Universal Servo Interface

Adapts quickly to any servo or stepper motor

#### Ratio Availability

Single and two stage designs offer more ratio options from 4:1 to 99:1 with almost no change in package size

#### Interchangeability

Installs on to linear actuators and gantry systems quickly and easily

#### Flexibility

Pulleys can be provided for almost any pitch style offering greater flexibility for machine designers

Sealed to IP67 for washdown applications

Sprockets or wheel hubs available upon request ... JUST CALL!

#### Increased Bearing Capacity

Two angular contact bearings centered in the pulley provide extremely high bearing capacity for today's precision timing belts in a more economical package

#### About Onvio

Onvio headquarters are located in Salem, NH in a new 45,000 square foot world-class manufacturing facility. With additional manufacturing in Puebla, Mexico and operations in Germany, we stand ready to serve our customers globally, with the right product—on time. You can count on it.