YASKAWA

V1000 Drive

1/8 - 25 HP

The V1000 is a world-class compact current vector drive that defines a new world standard. Demands for efficient production and better maintainability are on the rise, spurred by global competition. Yaskawa pays off the promise of being in control with products that make businesses move. The optimum balance of energy input, product output, maintenance risk, and long life is reached with Yaskawa. The V1000 provides a world of power in the palm of your hand!

The V1000 is the flagship drive of the V1000 Family, which also includes the V1000-4X.

Options
Keypads & Cables

Keypad Options	Keypad # & Mounting Location	Technical Manual
The LCD Operator allows the drive to be operated from a remote location up to 3 meters, and provides a 16-character, 5-line alpha-numeric multi-language LCD display. Allows the user to view parameter descriptions and parameter numbers making it easy to make changes without referring to a manual.	JVOP-180 RJ-45 port	TOBPC73060029

JVOP-180 Kit Contents:

Qty	Description
1	LCD Operator
1	Installation Manual (TOBPC73060029)

Note: This option requires the V1000 drive to contain software version 1012 or greater. Installation Set A (EZZ020642A) is required for panel or door mounting along with Remote Operator Cable (UWR0051 or UWR0052), each sold separately.
View Optional Items Sold Separately

	Keypad # & Mounting Location	Technical Manual
The LED Operator allows the drive to be operated from a remote location up to 3-meters.	JVOP-182 RJ-45 Keypad Port	TOBPC73060035

JVOP-182 Kit Contents:

Qty	Description
1	LED Operator

Note: This option requires the V1000 drive to contain software version 1016 or greater. Installation Set A (EZZ020642A) is required for panel or door mounting along with Remote Operator Cable (UWR0051 or UWR0052), each sold separately.

UL Rated Remote Operator Kit

This option is used to extend the existing Digital Operator to the wall of a separately priced, oversized UL Type 1, 3R, 4, 4X, or 12 enclosure (IPX6 environment). Price includes a faceplate bezel with digital operator brackets and membrane to cover the operator cutout in the enclosure door, a 3-foot cable, a 10-foot cable, and a 1:1 template for cutting the necessary cutouts in the enclosure. Keypad can be removed after kit installation. Designed for use with the LCD Operator JVOP-180 or the LED Operator JVOP-182 sold separately.

UUX000526 (Blank Membrane) Connects to RJ45 port and mounts to enclosure door.

TOEPYEAOPT02

Keypad Template (UDM00236)

UUX000527 (Yaskawa Logo Membrane) Connects to RJ45 port and mounts to enclosure door.

USB Copy Unit (Y-Stick)		Model Number & Mounting Location	Installation Guide & Technical Manual
	The USB Copy Unit (Y-Stick) allows the drive to connect to the USB port on a PC. It can read, copy and verify drive parameter settings from one drive to another like drive.	JVOP-181 RJ-45 port	IG.V1000.01 TOBPC73060025

JVOP-181 Kit Contents:

Qty	Description
1	USB Copy Unit (Y-Stick)
1	1 ft USB Cable to connect PC to Y-Stick
1	3 ft Cable with RJ-45 connector on both ends to connect Y-Stick to drive
1	Technical Manual (TOBPC73060025)

Driver: ⬇ SP1824_001
Note: This driver is required to be installed on the PC before the Y-stick can be used.

CopyUnitManager PC Software

CopyUnitManager is a PC software program that works along with the Y-Stick Copy Unit (JVOP-181) that allows the user to transfer and save parameter files from the Y-Stick to a PC and vice versa. The CopyUnitManager software can be used to save parameter files for a variety of drive sizes and parameter configurations. Simply configure the drive parameters, transfer them to the Y-Stick Copy Unit, then save them to your PC for backup or for quickly downloading multiple drives.

⬇ Download Software - rev. 1.1

System Requirements

- PC: PC/AT DOS/V Compatible machine

- CPU: Pentium II Processor 2GHz, 3GHz or more recommended

- Memory: 512MB, 1GB or more recommended

- Hard Disk Capacity: More than 400MB

- Operating System: WindowsXP SP2, Windows2000 SP4

Cables	Model Number
Operator Cable, Remote These cables are used to connect the Remote LCD Digital Operator (JVOP-18_) or Remote LED Operator (JVOP-182). They are available in one (1) or three (3) meter lengths.	UWR0051 (1m), UWR0052 (3m)
Flash Write Cable This 6-foot cable connects a PC's 9-pin serial port to the drive's keypad port for updating the drive's firmware, flashing with custom firmware, or updating a network communication option board. It is used with the Flash Tool feature of the DriveWizard Industrial software.	UWR01076-1
PC Interface Cable This 6-foot cable interconnects the drive keypad port to the 9-pin communication port on a PC. This cable is used in conjunction with DriveWizard Plus software.	UWR00468-2