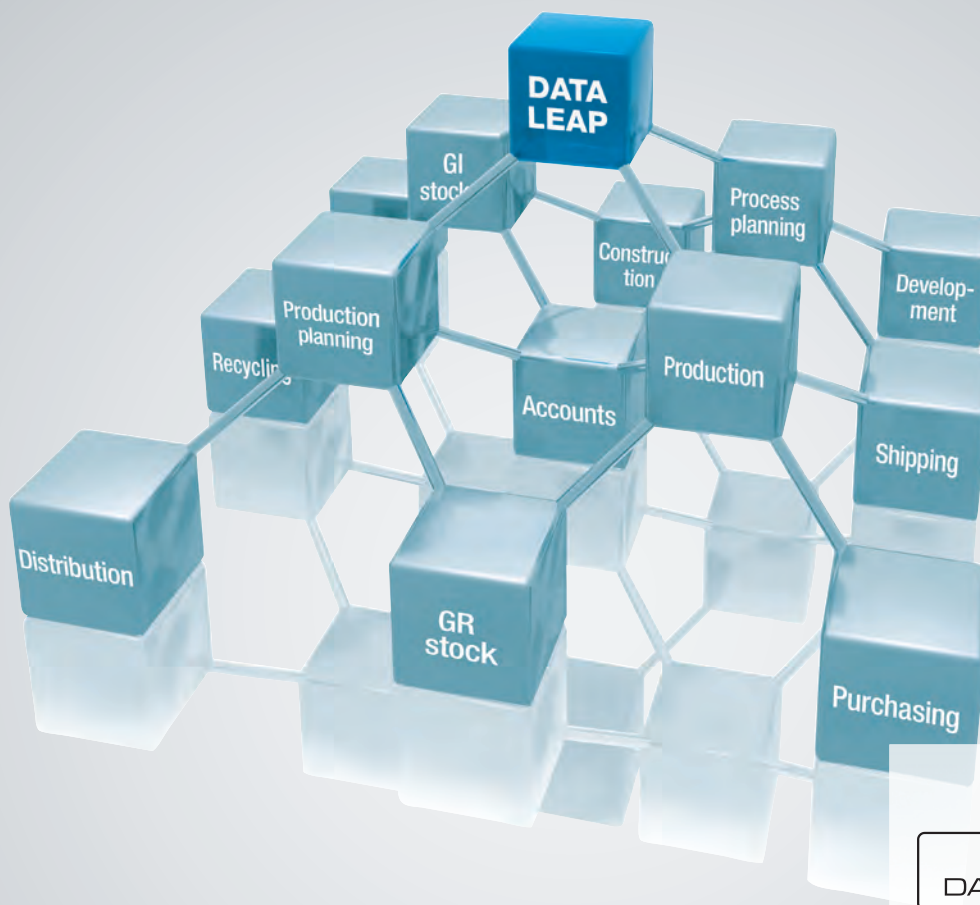


# DATA LEAP™

## Selection assistant

ESAB HELPS YOU SELECT THE APPROPRIATE PRODUCT FROM THE DATA LEAP™ EDITION.



# DATA LEAP™ - Selection assistant.

Please tick the requirements you have.

## 1 DATA COLLECTION (DDE/OPC Client)

- Import and organisation of production-related data
- Collection of machine data
- Requires option .7575 on control (VISION PC, NCE620 or VISION 5x)

Item no.: 68.261.8711

optionally expanded with:

(1a) CSV interface, item no.: 68.261.8717 or

(1b) XML interface, item no.: 68.261.8718

## 2 THIRD-PARTY MACHINE CONNECTION (DataAccess)

- Collection and visualisation of data from connected third-party machines

Item no.: 68.261.8726

## 3 SPECIFICATIONS (Customer Requirements Specification)

- An obligatory requirement for (4)
- Customer-specific system description as a basis for customer-specific software
- Definition of interfaces with connected customer systems (nesting system, ERP<sup>1</sup> system, production planning systems)

Item no.: 68.261.8728

## 4 DATABASE (Database)

- Collection, processing, management and archiving of all data from work preparation and production in SQL database structures
- Organisation of data using search and query functions
- Requires (1), (3)

Item no.: 68.261.8731

## 5 NESTING SYSTEM CONNECTION (Nesting Interface)

- DATA LEAP™ connection to nesting systems (independent of manufacturer)
- Requires (1), (3), (4)

Item no.: 61.261.8746

## 6 PLANNING SYSTEM CONNECTION (ERP Interface)

- DATA LEAP™ connection to ERP systems
- Management of data exchange with the ERP system
- Requires (1), (3), (4)

Item no.: 61.261.8745

## 7 VISUALISATION OF OPERATING PROCESSES (WorkshopView)

- Visualisation of all machines and workstations connected to DATA LEAP™
- Representation of all process data, operating conditions and job/operating schedules
- Requires (1), (3), (4)

Item no.: 68.261.8747

## 8 STATISTICAL EVALUATION (Statistics)

- Display and analysis of production data
- Output of standard reports
- Analysis for quality optimisation
- Requires (1), (3), (4)

Item no.: 68.261.8748

## 9 MALFUNCTION DATABASE (EventControl)

- Logging of non-job-related stand still and down times (malfunction history)
- Analysis and output of malfunction reports
- Requires (1), (3), (4)

Item no.: 68.261.8749

## 10 MAINTENANCE (Maintenance)

- Collection and evaluation of wear and consumption data
- Documentation of repair and maintenance procedures
- Analysis of the trend in maintenance costs
- Requires (1), (3), (4), (9)

Item no.: 68.261.8750

## 11 DETAILED JOB PLANNING (JobCycle)

- Planning of job sequences
- Definition of automated processing sequences
- Scheduling of production jobs
- Requires (1), (3), (4)

Item no.: 68.261.8751

## 12 PRODUCTION AUTOMATION (AutoControl)

- Simplification and automation of production processes
- Integration of various controls, machines and peripheral devices into a production chain
- Integration into CompleXX cutting automation
- Requires (1), (3), (4), (5), (6), (11)

Item no.: 68.261.8752

There are three editions to choose from:

DATA LEAP™ Light	DATA LEAP™ Classic	DATA LEAP™ Premium
<b>Module<sup>2</sup>:</b> <b>1</b> DDE/OPC Client	<b>Module<sup>2</sup>:</b> <b>1</b> DDE/OPC Client <b>4</b> Database <b>7</b> WorkshopView <b>9</b> EventControl	<b>Module<sup>2</sup>:</b> <b>2</b> DataAccess <b>3</b> Customer Requirements Specification <b>5</b> Nesting Interface <b>6</b> ERP Interface <b>8</b> Statistics <b>10</b> Maintenance <b>11</b> JobCycle <b>12</b> AutoControl
DATA LEAP™ Light: <ul style="list-style-type: none"> <li>CSV edition Item no.: 68.261.P101</li> <li>XML edition Item no.: 68.261.P102</li> </ul> <small>CSV (Comma-Separated Values) - text file format for the storage or exchange of basic-structured data (tables or lists)</small> <small>XML (Extensible Markup Language) - markup language for displaying hierarchically structured data (text data), used for the exchange of data between computer systems</small>	DATA LEAP™ Classic: <ul style="list-style-type: none"> <li>Optionally expandable with the Nesting Interface (5) (only with ESAB COLUMBUS™).</li> </ul> Item no.: 68.261.P103	DATA LEAP™ Premium: <ul style="list-style-type: none"> <li>The modules above can also be purchased as an expansion/adaptation of the DATA LEAP™ Classic edition (modules 1,4,7,9).</li> <li>The modules are freely selectable within the dependencies.</li> <li>The modules are adjusted for each specific client on the basis of the specifications to be compiled.</li> </ul>

### How to choose your edition:

- Tick your requirements on the left.
- Compare the numbers with those in the table above.

### System requirements:

- VISION PC, NCE 620 or VISION 5x control with connection to a customer network
- Microsoft® Windows Server® 2000 or higher (required for Classic version and above)

- Microsoft® SQL Server® 2000 or higher
- Microsoft® SQL Server® 2005 Express can be supplied by ESAB
- Microsoft Windows® XP, Microsoft® VISTA on request



### DATA LEAP™ Premium advantages:

- Integration of customer-specific interfaces with third-party systems
- Individual combination from the DATA LEAP™ module range
- Maximum automation gains with intelligent control technologies

<sup>1</sup> ERP (Enterprise Resource Planning) – software solution for controlling operational business processes.

<sup>2</sup> all modules exclude installation

# DATA LEAP™

## Enquiry

### Customer details

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Department: \_\_\_\_\_

Postcode | City/Town: \_\_\_\_\_

Country: \_\_\_\_\_

E-mail: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Number of systems required: \_\_\_\_\_

Serial number of existing system: \_\_\_\_\_

### Representative

Accepted by: \_\_\_\_\_

Company: \_\_\_\_\_

E-mail: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Date: \_\_\_\_\_

Customer's signature: \_\_\_\_\_

Representative's signature: \_\_\_\_\_

### DATA LEAP™ edition selection

Edition	Item no.
<input type="checkbox"/> <b>DATA LEAP™ Light</b> (CSV edition)	<a href="#">68.261.P101</a>
<input type="checkbox"/> <b>DATA LEAP™ Light</b> (XML edition)	<a href="#">68.261.P102</a>
<input type="checkbox"/> <b>DATA LEAP™ Classic</b>	<a href="#">68.261.P103</a>
<input type="checkbox"/> <b>DATA LEAP™ Premium</b> (individual)	<a href="#">on request</a>



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