



C-AP 000 Maximising Benefits of the LV

Personal Patternmaking System

CADTERNS® Fit-first System™ of personal patternmaking is built upon effective use of personal Ready-to-Style™ slopers – fitted basic, unstyled apparel patterns.

CADTERNS LV (Limited Version) provides a “try before you buy” look at CADTERNS personal patternmaking functions with two very specific limitations:

- Slopers that you create and preview can not be saved.
- One sloper only, a SHEATH for MINIMUM scaled to fit on 1 page can be printed.

The LV is based on CADTERNS Pro and it enables you to test suitability for your needs and preferences by trying functions available in both the **Lite** and **Pro** versions.

Option 1: Demo

Run this slide show to know what you can expect from CADTERNS. If this option is greyed out, you can run it from the CADTERNS Website at

<http://www.cadterns.com/demo.htm>.

Option 2: Tutorial

Let **CADTERNS** show you how to create a sloper, explaining each step in detail as you progress through it. Proceed as quickly or slowly as you like.

When you reach the Sloper Preview, you can print the sloper scaled to fit your printer page. The size that prints out will vary according to your MS Windows print setting.

The printed sloper can be styled using manual flat pattern design techniques, cutting and spreading as appropriate. For example, you could style a floor length princess gown by lengthening the skirt and converting darts to seamlines.

Lengthen with CADTERNS Ease (Default length is set at knee line.)

- o Set finished length that you prefer shorter (-) or longer (+) than your knee.
- o In the Measurements folder, add or subtract this amount to or from the ease allotted from waist to floor.

Convert Darts Manually

- o Create the princess lines by cutting the pattern apart from shoulder to hem, following dart lines and passing through dart points.

The tutorial also enables you to try digital patternmaking by exporting the sloper to a small entry-level CAD program¹. Use the smart cursor to identify toolbox and tool icons by resting the cursor on an icon.

Lengthen Digitally

- o From the Modify menu or toolbox, choose Stretch.

The prompt that appears in a text box at upper left of drawing screen asks for "Stretch base". This is to identify a point to stretch FROM.

Position cursor below and to the right of hemline on both front and back sheath skirts at the same time.

- o Draw a selection box by dragging the mouse from right to left while holding mouse button down, releasing it on the left, and enclosing hemlines.
- o At the "Stretch to" prompt, pull the knee lines down to the finished length that you would like and click to show where to stretch TO.

Convert Darts Digitally

- o From the Assist menu or toolbox, select snap points for Endpoint and Center.
- o From the Draw menu or toolbox, select Polyline.

Starting from a dart endpoint where it intersects at the shoulder, draw a polyline from shoulder to hemline by selecting dart endpoints and center-points along one side of the darts.

(To select dartpoint with Center snap active, click anywhere on the corresponding dart circle.)

Repeat Polyline from shoulder to hem along other side of darts.

¹ The CAD program included is the Limited Version of AutoSketch V2, product of Autodesk Inc.

You have now lengthened skirts and converted darts both manually and digitally. Manual styling techniques can be performed on the sloper drawing printout from either **CADTERNs Lite** or **CADTERNs Pro**. Digital styling requires **CADTERNs Pro**.

Option 3: Program

Try **CADTERNs** to see for yourself how instant and easy it is. Simply go to File, select New and you will see a new page, ready to accept your personalising inputs.

Sloper Definition page

Enter specific selections and information to create a new sloper. Weight is an optional entry, useful for future reference.

Measurements Page (Optional)

If you are uneasy about accepting **CADTERNs** default measurements, measure your figure at the described locations and replace the numbers with your own measurements. Consider that you probably need to change only those measurements that differ by 1 cm (1/2") or more.

Modify ease allotments on this screen also, if you prefer different ones.

Preview Page

CADTERNs calculates all of the variables entered to draft the sloper as defined and personalised by you. Check the Preview screen for a rough drawing of the sloper generated.

Other Features

The Configuration menu provides several additional options for you to try. For example, you can adjust seam allowance settings for slopers (without seam allowances as in #1 below) or for basic patterns (with seam allowances as in #2 below).

1. In the Settings box, enter seam allowance of 0.

The preview screen displays Ready-to-Style™ sloper blocks.

2. In the Settings box, change seam allowance to 1cm (1/2").

The preview screen displays Ready-to-Cut™ pattern pieces.

All features to this point apply to both Lite and Pro versions. Using either version, you can print the sloper as previewed directly from **CADTERNs**, ready for manual pattern styling. If you wish to style patterns digitally, you will require **CADTERNs Pro** and a companion CAD program.

Repeat this program trial (Option 3) as often as you wish varying sloper types, measurement and ease values and other configuration settings. Remember that this is a Limited Version for demonstration purposes only and will neither save nor print any of your inputs. To save or print entries requires either the Lite or Pro version of **CADTERNs**.

Option 4: Exit

The LV demonstration of **CADTERNs** personal patternmaking system ends.