

AMSTRAD WORD PROCESSOR

Roger Hammond gives you a large range of options for printing pages, quitting, scrolling, or cataloguing the tape



Listing 1. The loader program.

```
10 MEMORY 32000
20 HOME a
30 FOR I=34000 TO 34244
40 PRINT I:INPUT X
50 POKE I,X
60 NEXT I
70 FOR I=34000 TO 34240 STEP 10
80 PRINT X
90 FOR I=0 TO 9
100 PRINT PEEK(I+I),
110 NEXT I
120 PRINT
130 NEXT X
140 INPUT "IS THIS CORRECT? (Y/N)";Q
150 IF Q="Y" OR Q="y" THEN 190
160 IF Q<>"N" AND Q<>"n" THEN 140
170 INPUT "enter address and correct
value separated by a comma";ad,x
180 POKE ad,x:GOTO 70
190 INPUT "ENTER FILENAME";FN
200 SAVE FN:B,34000,247
```

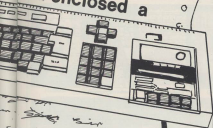
The machine code.

34000	35	32	78	1	127	42	54	58	85	12
34010	32	250	14	0	8	32	248	251	42	187
34020	77	1	44	2	42	32	117	55	55	32
34030	251	14	0	8	52	244	251	42	187	77
34040	3	44	2	104	248	95	187	55	55	32
34050	248	14	0	8	52	244	251	17	84	124
34060	42	141	72	14	55	58	174	77	71	124
34070	58	14	44	14	250	58	172	77	71	38
34080	44	250	14	0	254	17	112	148	32	112
34090	148	14	0	58	174	77	71	124	18	38
34100	77	14	250	58	182	77	71	38	14	242
34110	114	55	254	237	71	174	77	42	174	77
34120	58	174	77	71	42	54	254	237	71	198
34130	77	237	194	238	14	23	112	148	237	75
34140	172	77	0	0	237	174	237	71	171	77
34150	23	74	124	14	58	174	77	71	71	124
34160	18	18	32	14	248	58	174	77	71	37
34170	14	254	12	32	254	55	112	148	0	
34180	240	54	32	38	14	251	251	27	74	124
34190	42	184	71	14	55	58	174	77	71	124
34200	48	18	85	14	250	58	172	77	71	38
34210	14	194	14	42	252	77	174	194	194	244
34220	44	194	77	42	252	77	174	194	194	244
34230	77	71	54	32	42	14	251	237	71	171
34240	77	55	74	124	14	25	58	174	77	71
34250	124	58	18	32	14	248	58	174	77	71
34260	18	14	252	12	32	234	240	0	0	0

Rowswriter is a word-processing program that allows the user to Store and Load files, use different sizes of text if his printer permits, change margins, access nine different pages of 24 lines which can easily be printed consecutively and services full editing functions. It has been written for an Epson RX-80 (PT) but should run on most printers with little alteration.

The machine code should be entered and saved to tape first as the program will probably crash if it is not present. Listing 1 will load this if you enter the values given in the decimal dump. The machine code should be

Dear sir/madam
We find enclosed a



Dear sir,
Madam/madam
We find
enclosed
a copy of
the

used to type using the following command:
SAVE-OPENNAME: & START ADDRESS:267

Do not try calling the machine code other than from the main program or a user variable defined from Basic.

Once the machine code is in memory and has been saved, enter the Basic program. The program will normally load the code itself when it is run but, during development, if you are sure that the code is present above Hexa-1 it may be a good idea to turn line 250 into a 'Rem' statement or to remove the exclamation mark from within the quotes so that the computer will warn you that it is about to attempt to load.

When you have debugged the program save it with the machine code after it, making certain that line 250 is back to its original form.

There are about two kilobytes left free in Basic for any additions you may find like adding and the area above Hexa-1 from 16267 to 17099 is also free.

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The main program

```

10 REM *****
20 REM *****
30 REM *****
40 REM *****
50 REM *****
60 REM *****
70 REM *****
80 REM *****
90 REM *****
100 REM *****
110 REM *****
120 REM *****
130 REM *****
140 REM *****
150 REM *****
160 REM *****
170 REM *****
180 REM *****
190 REM *****
200 REM *****
210 REM *****
220 REM *****
230 REM *****
240 REM *****
250 REM *****
260 REM *****
270 REM *****
280 REM *****
290 REM *****
300 REM *****
310 REM *****
320 REM *****
330 REM *****
340 REM *****
350 REM *****
360 REM *****
370 REM *****
380 REM *****
390 REM *****
400 REM *****
410 REM *****
420 REM *****
430 REM *****
440 REM *****
450 REM *****
460 REM *****
470 REM *****
480 REM *****
490 REM *****
500 REM *****
510 REM *****
520 REM *****
530 REM *****
540 REM *****
550 REM *****
560 REM *****
570 REM *****
580 REM *****
590 REM *****
600 REM *****
610 REM *****
620 REM *****
630 REM *****
640 REM *****
650 REM *****
660 REM *****
670 REM *****
680 REM *****
690 REM *****
700 REM *****
710 REM *****
720 REM *****
730 REM *****
740 REM *****
750 REM *****
760 REM *****
770 REM *****
780 REM *****
790 REM *****
800 REM *****
810 REM *****
820 REM *****
830 REM *****
840 REM *****
850 REM *****
860 REM *****
870 REM *****
880 REM *****
890 REM *****
900 REM *****
910 REM *****
920 REM *****
930 REM *****
940 REM *****
950 REM *****
960 REM *****
970 REM *****
980 REM *****
990 REM *****

```

(filing continued on next page)

