

Da Vinci's Machines

Scene 1: War Machines

Kevin Ericksen
arr. Ted Reicher; Percussion by Brian Zeglis

2 bars for metronome at beginning
of each movement 2

$\text{♩} = 108$

The musical score is arranged in a standard orchestral format with staves for each instrument. The key signature is one sharp (F#) and the time signature is 4/4. The score includes various dynamics such as *mp* (mezzo-piano), *mf* (mezzo-forte), *f* (forte), and *pp* (pianissimo). There are also articulation marks like accents and slurs. The percussion section includes specific instructions for auxiliary percussion (Aux Perc 1 & 2) and timpani, such as "wind chimes", "Sus cym", "Chains/Shekere/Marching Machine", "tam tam", and "Preset #2*** (A, D, Eb)". The woodwind and brass sections have various melodic and harmonic lines, often with slurs and dynamic markings. The strings (SnareLine, TenorLine, BassLine) provide a rhythmic foundation.

This page of a musical score covers measures 10 through 17. The instruments and parts included are:

- Fl. 1 and Fl. 2
- A. Fl.
- B. Fl.
- Cl. 1 and Cl. 2
- B. Cl.
- Asx 1 and Asx 2
- Tsx
- Bari. Sax.
- Mln. 1 and Mln. 2
- Tpt. 1 and Tpt. 2
- TB 1 and TB 2
- Tba.
- Kbd.
- Synth.
- Glock.
- Vibes 1 and Vibes 2
- Xylo.
- Mar. 1 and Mar. 2
- Chim.
- Aux 1 and Aux 2
- BD Tam.
- Timp.
- Snare
- Tenors
- Bass Dr.

Key musical features and markings include:

- Measures 12 and 15 contain triplets.
- Measures 15 and 16 feature a *Marihu* section with *Marihu* and *Marihu* markings.
- Measures 16 and 17 include *all* (allegro) markings.
- Dynamic markings such as *f*, *mf*, *mp*, and *f* are used throughout.
- Phrasing slurs and accents are present across many staves.

18 19 20 **molto accel.** 21 22 23 24 25 26 27 **rit.** = 160 28 all others

Fl. 1 *fp* *mp*

Fl. 2 *fp* *mp*

A. Fl. *fp*

B. Fl. *fp*

Cl. 1 *fp* *mp*

Cl. 2 *fp* *mp*

B. Cl. *fp* *mp*

Asx 1 *fp* *mp*

Asx 2 *fp* *mp*

Tsx *fp* *mp*

Bari. Sax. *fp* *mp*

Mln. 1 *fp* *mp*

Mln. 2 *fp* *mp*

Tpt. 1 *fp* *mp*

Tpt. 2 *fp* *mp*

TB 1 *fp* *mp*

TB 2 *fp* *mp*

Tba. *fp* *mp*

Kbd. *fp*

Synth. *fp* *mp*

Glock. *f* *mp*

Vibes 1 *f* cymbal cresc choke on 1 cymbal cresc

Vibes 2 *f* cymbal cresc choke on 1 cymbal cresc

Xylo *f*

Mar. 1 *f* cymbal cresc choke on 1 cymbal cresc

Mar. 2 *f* cymbal cresc choke on 1 cymbal cresc

Chim. *f*

Aux 1 *mp* Sus cym

Aux 2 *mp* *f*

BD *p* *f*

Tam *p* *f*

Timp. *f* *mp* ***Preset #3*** (D, Eb, F#, G, D)

Snare

Tenors

Bass Dr

29 30 31 32 33 34 35 36 37

Fl. 1 *fp* *ff* *f*

Fl. 2 *fp* *ff* *f*

Cl. 1 *fp* *ff* *f*

Cl. 2 *fp* *ff* *f*

B. Cl. *fp* *ff* *f*

Asx 1 *fp* *ff* *f* solo *f* *all*

Asx 2 *fp* *ff* *f*

Tsx *fp* *ff* *f*

Bari. Sax. *fp* *ff* *f*

Mln. 1 *fp* *f* *mp*

Mln. 2 *fp* *f* *mp*

Tpt. 1 *fp* *ff* *f*

Tpt. 2 *fp* *ff* *f*

TB 1 *fp* *f* *mp*

TB 2 *fp* *f* *mp*

Tba. *fp* *f* *mp*

Kbd. *fp* *f* *mp*

Synth. *fp* *f* *mp*

Glock. *fp* *f* *mp*

Glock. *fp* *f* *mp*

Vibes 1 swell on 1 *f* *mf* *f*

Vibes 2 swell on 1 *f* *mf* *f*

Xylo swell on 1 *f* *mf* *f*

Mar. 1 swell on 1 *f* *mp* *f*

Mar. 2 swell on 1 *f* *mp* *f*

Chim. *f* *mp* *f*

Aux 1 sleigh bells *mp* *f* *mf*

Aux 2 tambourine *mp* *f* *p*

BD + Gong *f* *f* *mp* *f*

BD Tam *f* *f* *mp* *f*

Timp. *f* *mf* *f* *mp*

Snare *f* *mf* *f* *mp* *ff* *to center*

Tenors *f* *mf* *f* *mp* *ff*

Bass Dr. *f* *mf* *f* *mp* *ff*

mf *sfz* *mp* *ff*

60 61 62 63 64 65 66 67 $\text{♩} = 160$

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD
Tam
Timp.
Snare
Tenors
Bass Dr

$\leq f$ *mf* $\leq f$ *mf* f

79 80 81 82 83 84 85 86 87 88 89 90 91 $\text{♩} = 168$

Fl. 1 *ff*

Fl. 2 *ff*

Cl. 1 *ff*

Cl. 2 *ff*

B. Cl. *ff*

Asx 1 *ff*

Asx 2 *ff*

Tsx *ff*

Bari. Sax. *ff*

Mln. 1 *ff*

Mln. 2 *ff*

Tpt. 1 *ff*

Tpt. 2 *ff*

TB 1 *ff*

TB 2 *ff*

Tba. *ff*

Kbd. *ff*

Synth. *ff*

Glock. *ff*

Glock. *ff*

Vibes 1 *ff* ^{**toms**} *R R L R L R* *Sus cym*

Vibes 2 *ff* ^{**toms**} *R R L R L R* *Sus cym*

Xylo *ff* ^{**toms**} *R R L R L R* *Sus cym*

Mar. 1 *ff* ^{**toms**} *R R L R L R* *Sus cym*

Mar. 2 *ff* ^{**toms**} *R R L R L R* *Sus cym*

Chim. *ff* *Sus cym*

Aux 1 *china* *mp*

Aux 2 *ff* *mp*

BD *ff*

Tamp. *ff*

Snare *f* ^{9"} *ff* ^{12"} *f* ^{15"} *f* ^{12"} *mf* ^{6"} *f* ^{12"} *ff* ^{9"} *f* ^{12"}

Tenors *f* ^{9"} *ff* ^{12"} *f* ^{15"} *f* ^{12"} *mf* ^{6"} *f* ^{12"}

Bass Dr *f* ^{9"} *ff* ^{12"} *f* ^{15"} *f* ^{12"} *mf* ^{6"} *f* ^{12"}

This musical score page covers measures 101 through 109. It is arranged in a standard orchestral layout with multiple staves for each instrument family. The woodwind section includes Flutes 1 and 2, Clarinets 1 and 2, Bass Clarinet, Saxophones 1 and 2, and Tenor Saxophone. The brass section includes Trumpets 1 and 2, Trombones 1 and 2, and Tuba. The string section consists of Violins 1 and 2, Viola, Cello, and Double Bass. The percussion section includes Glockenspiel, Vibes 1 and 2, Xylophone, Maracas 1 and 2, Chimes, Auxiliary 1 and 2, Bongos, Bass Drum, Snare Drum, and Tenors. The score includes various musical notations such as dynamics (mf, mp, pp, f), articulation (accents, slurs), and performance instructions like 'Flugelhorn trio' and 'switch to puffy in LH'. The key signature is one sharp (F#) and the time signature is 4/4.

119 120 121 122 123 124 125 126 127

Fl. 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Fl. 2 *f* *f* *f* *f* *f* *f* *f* *f* *f*

Cl. 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Cl. 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

B. Cl. *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Asx 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Asx 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Tsx *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

Bari. Sax. *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

Mln. 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Mln. 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Tpt. 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Tpt. 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

TB 1 *f* *f* *f* *f* *f* *f* *f* *f* *f*

TB 2 *f* *f* *f* *f* *f* *f* *f* *f* *f*

Tba. *f* *f* *f* *f* *f* *f* *f* *f* *f*

Kbd. *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Synth. *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Glock. *f* *f* *f* *f* *f* *f* *f* *f* *f*

Glock. *f* *f* *f* *f* *f* *f* *f* *f* *f*

Vibes 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Vibes 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Xylo. *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Mar. 1 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Mar. 2 *mf* *f* *f* *f* *f* *f* *f* *f* *f*

Chim. *f* *f* *f* *f* *f* *f* *f* *f* *f*

Aux 1 *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

Aux 2 *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

BD *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

Timp. *mp* *mp* *mp* *mp* *mp* *mp* *mp* *mp* *mp*

Snare *mp* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

Tenors *mp* *mp* *mp* *mp* *mp* *mp* *mp* *mp* *mp*

Bass Dr *mf* *mp* *mp* *mp* *mp* *mp* *mp* *mp* *mp*

concert toms temple blocks Ribbon Crasher

bongos

switch to normal mallets

all 8th notes on rims

Musical score for measures 138-147. The score includes parts for the following instruments:

- Fl. 1, Fl. 2, Cl. 1, Cl. 2, B. Cl., Asx 1, Asx 2, Tsx, Bari. Sax., Mln. 1, Mln. 2, Tpt. 1, Tpt. 2, TB 1, TB 2, Tba., Kbd., Synth., Glock., Vibes 1, Vibes 2, Xylo., Mar. 1, Mar. 2, Chim., Aux 1, Aux 2, BD Tam., Timp., Snare, Tenors, Bass Dr.

Measure numbers 138, 139, 140, 141, 142, 143, 144, 145, 146, and 147 are indicated at the top of the score. Dynamics such as *mf*, *mp*, *ff*, and *f* are marked throughout. Performance instructions include *choked*, *vibraslap*, and *temple block*. The score features complex rhythmic patterns, including triplets and sixteenth-note runs, particularly in the percussion and woodwind sections.

This page contains the musical score for measures 156 through 163. The instruments are arranged in the following order from top to bottom:

- Fl. 1
- Fl. 2
- Cl. 1
- Cl. 2
- B. Cl.
- Asx 1
- Asx 2
- Tsx
- Bari. Sax.
- Mln. 1
- Mln. 2
- Tpt. 1
- Tpt. 2
- TB 1
- TB 2
- Tba.
- Kbd.
- Synth.
- Glock. (two staves)
- Vibes 1
- Vibes 2
- Xylo.
- Mar. 1
- Mar. 2
- Chim.
- Aux 1
- Aux 2
- BD
- Tam
- Timp.
- Snare
- Tenors
- Bass Dr.

The score includes various musical notations such as notes, rests, dynamics (e.g., *f*, *ff*, *mp*), and articulation marks. The key signature changes from one flat to two flats between measures 157 and 158. The time signature is 4/4.

Preset #9
 Δ(F#, C#, Db, D, Eb, E)

173 174 175 176 177 178 179

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd.
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo.
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD
Tam.
Timp.
Snare
Tenors
Bass Dr.

This page contains a musical score for measures 187 through 192. The score is organized into systems for various instruments and percussion. The instruments listed on the left are: Fl. 1 & 2, Cl. 1 & 2, B. Cl., Asx 1 & 2, Tsx, Bari. Sax., Mln. 1 & 2, Tpt. 1 & 2, TB 1 & 2, Tba., Kbd., Synth., Glock., Vibes 1 & 2, Xylo., Mar. 1 & 2, Chim., Aux 1 & 2, BD Tam., Timp., Snare, Tenors, and Bass Dr.

The score is in 4/4 time. Measures 187 and 188 show the initial entry of the woodwinds and strings, with dynamics marked *ff*. Measure 189 features a transition where many instruments, including the woodwinds and strings, drop out, leaving a sparse texture. Measure 190 marks the beginning of a new section where the woodwinds and strings re-enter with a powerful, sustained sound, marked with *fff*. This section continues through measure 192. The percussion section, including Aux 1, Aux 2, BD Tam., Timp., Snare, Tenors, and Bass Dr., provides a rhythmic accompaniment throughout, with dynamics ranging from *mp* to *ff*. The snare drum part includes stick patterns such as 'r r R L R' and 'r l r l r l f l', indicating specific rhythmic figures.

Key dynamic markings include *ff* (fortissimo), *fff* (fortississimo), *f* (forte), *mp* (mezzo-piano), and *mf* (mezzo-forte). The score also includes various articulation marks, such as accents and slurs, and includes a 'Sus cym' (sustained cymbal) effect in the Aux 1 part.

221 222 223 224 $\text{♩} = 90$

Woodwinds:
 Fl. 1, Fl. 2, Cl. 1, Cl. 2, B. Cl., Asx 1, Asx 2, Tsx, Bari. Sax.
 Mtn. 1, Mtn. 2, Tpt. 1, Tpt. 2, TB 1, TB 2, Tba.

Strings:
 Kbd., Synth.

Percussion:
 Glock., Vibes 1, Vibes 2, Xylo., Mar. 1, Mar. 2, Chim., Sus cym, BD Tam, Timp., Snare, Tenors, Bass Dr.

Performance Instructions:
 ff, mf, f, *ff* Keyboards, *f* Marimba

228 229 rit. 230

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd.
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo.
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD Tam.
Timp.
Snare
Tenors
Bass Dr.

String

ff

This page of a musical score, numbered 28, covers measures 228 to 230. It features a large ensemble of instruments. The woodwind section includes two flutes (Fl. 1, 2), two clarinets (Cl. 1, 2), a bass clarinet (B. Cl.), two saxophones (Asx 1, 2), a tenor saxophone (Tsx), and a baritone saxophone (Bari. Sax.). The brass section consists of two trumpets (Tpt. 1, 2), two trombones (TB 1, 2), and a tuba (Tba.). The keyboard section includes a piano (Kbd.) and a synthesizer (Synth.). The string section is indicated by the label 'String'. The percussion section includes two glockenspiels (Glock.), two vibraphones (Vibes 1, 2), xylophone (Xylo.), two maracas (Mar. 1, 2), a chime (Chim.), auxiliary percussion (Aux 1, 2), a bongo drum and tam-tam (BD Tam.), and a timpani (Timp.). The drum set includes snare, tenors, and bass drum (Bass Dr.). The score shows various musical notations, including rests, notes, and dynamic markings such as *ff*. A 'rit.' (ritardando) marking is present above measure 229, and a '230' marking is above measure 230. The page number '28' is located in the top left corner.

241 242 243 244 245 246 247 248

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd.
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo.
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD
Tam.
Timp.
Snare
Tenors
Bass Dr.

mf *f* *ff* *mp* *p*

mf *mp*

This page of a musical score covers measures 257 through 263. The instruments and parts included are:

- Flutes:** Fl. 1 and Fl. 2
- Clarinets:** Cl. 1 and Cl. 2
- Other Woodwinds:** B. Cl. (Bass Clarinet), Asx 1 & 2 (Assault Saxophones), Tsx (Tuba Saxophone), Bari. Sax. (Baritone Saxophone)
- Brass:** Tpt. 1 & 2 (Trumpets), TB 1 & 2 (Trombones), Tba. (Tuba)
- Strings:** Mln. 1 & 2 (Mandolins)
- Percussion:** Kbd. (Keyboard), Synth. (Synthesizer), Glock. (Glockenspiel), Vibes 1 & 2 (Vibraphone), Xylo. (Xylophone), Mar. 1 & 2 (Maracas), Chim. (Chimes), Aux 1 & 2 (Auxiliary Percussion), BD Tam. (Bass Drum Tom), Timp. (Timpani), Snare, Tenors, Bass Dr. (Bass Drum)

The score includes various musical notations such as notes, rests, and dynamic markings like *Sus cym* (Sustained Cymbal). The bottom of the page features a drum set notation for the Snare, Tenors, and Bass Dr. parts, with letters R, L, and B indicating specific drum components.

271 272 273 274 275 276

Fl. 1 *f*

Fl. 2 *f*

Cl. 1 *f*

Cl. 2 *f*

B. Cl. *mf*

Asx 1 *f*

Asx 2 *f*

Tsx *f*

Bari. Sax. *mf*

Mln. 1 *f*

Mln. 2 *f*

Tpt. 1 *mf*

Tpt. 2 *mf*

TB 1 *mf*

TB 2 *mf*

Tba. *mf*

Kbd.

Synth. *mf*

Glock. *f*

Glock. *f*

Vibes 1 *f*

Vibes 2 *f*

Xylo *f*

Mar. 1 *f*

Mar. 2 *mf*

Chim.

Aux 1

Aux 2 *Sus cym*

BD

Tam

Timp. *mf* *****Preset #14***
(G, A, B, Ab*, D, E)**

Snare *mp* *mf*

Tenors *mf*

Bass Dr. *mf*

283 284 285 $\text{♩} = 180$ 286

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd.
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD Tam
Snare
Tenors
Bass Dr

Preset #15
(F, Ab, A, C, D, Eb)

287 288 289 290 291 292 293 294 295 296

Fl. 1
Fl. 2
Cl. 1
Cl. 2
B. Cl.
Asx 1
Asx 2
Tsx
Bari. Sax.
Mln. 1
Mln. 2
Tpt. 1
Tpt. 2
TB 1
TB 2
Tba.
Kbd.
Synth.
Glock.
Glock.
Vibes 1
Vibes 2
Xylo.
Mar. 1
Mar. 2
Chim.
Aux 1
Aux 2
BD
Tam.
Timp.
Snare
Tenors
Bass Dr.